



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

प्रकाशित

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No. 15] NEW DELHI, SATURDAY, APRIL 13, 2002 (CHAITRA 23, 1924)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

### भाग III—खण्ड 2

#### [PART III—SECTION 2]

[पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्ट्स और डिजाइन्स से सम्बन्धित अधिसूचनाएं और नोटिस]

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Kolkata, the 13th April 2002

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443, Annasalai, Teynampet,  
CHENNAI-600 018.

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Karnataka, Kerala, Tamilnadu and  
Pondicherry and the Union  
Territories of Lakshadweep,  
Minicoy and Aranoidi Islands

Telegraphic address "PATENTOFIS"  
 Phone No (044) 431 4324/4325/4326  
 Fax No (044) 431 4750/4751  
 Patent Office (Head Office),  
 Nizam Palace, 2nd M S O Building,  
 5th, 6th & 7th Floor,  
 234/4 Acharya Jagadish Bose Road,  
 KOLKATA-700 020

Rest of India

Telegraphic address "PATENTS"  
 Phone No (033) 247 4401, 247 4402, 247 4403  
 Fax No (033) 247 3851, (033) 240 1353

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पेटेंट कार्यालय  
 एकम्य तथा अभिकल्प  
 कोलकाता, दिनांक 13 अप्रैल, 2002

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई दिल्ली एवं चेन्नई में इमके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:—

पेटेंट कार्यालय शाखा,  
 गांधी इन्स्टेट, तीम्पा तल,  
 घन मिल कम्पाउंड,  
 गोभर परेल (वेस्ट),  
 मुम्बई - 400 013।

गुजरात, महाराष्ट्र, मध्य प्रदेश,  
 गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ  
 शासित क्षेत्र, दमन तथा दीव,  
 दादर और नगर हवेली।

तार पता - "पेटेंटेफिक"  
 फोन - (022) 492 4058, 496 1370, 490 3684.  
 फैक्स - (022) 490 3852

पेटेंट कार्यालय शाखा,  
 डल्लू-5, वेस्ट पटेल नगर,  
 नई दिल्ली - 110 008।

हारयाणा, हिमाचल प्रदेश, जम्मू  
 तथा कश्मीर, पंजाब, राजस्थान,  
 उत्तर प्रदेश, दिल्ली तथा उत्तराचल राज्य  
 क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता - "पेटेंटेफिक"  
 फोन - (011) 587 1255, 587 1256, 587 1257,  
 587 1258, 587 7245  
 फैक्स - (011) 587 6209, 587 2532.

पेटेंट कार्यालय शाखा,  
 गुणा कम्प्लेक्स, छता तल, एनेक्स-II,  
 443, अन्नासलाई, तेनामपेट,  
 चेन्नई - 600 018।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु  
 तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ  
 शासित क्षेत्र, लक्षद्वीप, मिनिकाय तथा  
 एमिनिदिवि द्वीप।

तार पता - "पेटेंटेफिक"  
 फोन - (044) 431 4324/4325/4326.  
 फैक्स - (044) 431 4750/4751.

पेटेंट कार्यालय (प्रधान कार्यालय),  
 निजाम पैलेस, द्वितीय बहुतलीय कार्यालय  
 भवन, 5वां, 6वा व 7वां तल,  
 234/4, आर्थार्य जगदीश बोस मार्ग,  
 कोलकाता - 700 020।

भारत का अवशेष क्षेत्र।

तार पता - "पेटेंट्स"  
 फोन - (033) 247 4401, 247 4402, 247 4403.  
 फैक्स - (033) 247 3851, (033) 240 1353.

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या सो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चेक द्वारा की जा सकती है।

## CORRIGENDUM

In the Gazette of India Part-III, Sec 2 dated the 8th December 2001 In page 2306 col-1 application for Patent No 45/Del/99 (186910) read the date of filed on 11th January, 1999 instead of 13th November, 1999

The dates shown in the crecent bracket are the dates claimed under section 135 under Patent Act, 1970

01/01/2002

01/Cal/2002 HEWLETT-PACKARD COMPANY Thermal generation of droplets for aerosol (Convention no 09/761, 287 filed on 16/1/2001 in U S A )

02/Cal/2002 BAE SYSTEMS CONTROLS INC Power combining apparatus for hybrid electric vehicle (Convention no 09/782, 836 filed on 14/2/2001 in U S A )

03/Cal/2002 CHUNG YU LIN Power adapter with cable storage device

04/Cal/2002 DR. AMALESH SIRKAR An improved process for the upgradation of petroleum heavy feed stock

05/Cal/2002 DR. AMALESH SIRKAR An improved process for the hydrogenation of coal

06/Cal/2002 STEEL AUTHORITY OF INDIA LTD An improved process for manufacturing higher (YS/TS) yield ratio microalloyed wear resistant rails of railway

07/Cal/2002 WONG PING-CHIUK An assembling structure for assembling a fit on spectacle frame with an original spectacle frame

02/01/2002

08/Cal/2002 PROBIR KUMAR SAHA, SANKAR NATH SAHA Leather replacement paper product

09/Cal/2002 DR. SATISH CHANDRA BERA An improved non-contact capacitance type liquid level transducer

10/Cal/2002 LG ELECTRONICS INC Cooling air supply apparatus of refrigerator (Convention nos 53409/2001 filed on 31/08/2001, 53412/2001 filed on 31/08/2001 53416/2001 filed on 31/08/2001 in REPUBLIC OF KOREA )

11/Cal/2002 JAHARI AL BOSE A process for preparing arsenic removing media from ground water

03/01/2002

12/Cal/2002 JARACHAND BANKA, A novel, easy to insert security seal assembly

13/Cal/2002 LG ELECTRONICS INC Device for controlling cooling air supply of refrigerator

(Convention no 53406/2001 filed on 31/08/2001 in REPUBLIC OF KOREA 53408/2001 FILED ON 31/8/2001 and 53422/2001 filed on 31/08/2001 in REPUBLIC OF KOREA)

04/01/2002

14/Cal/2002 KUO CHIN-SHENG Faceplate of a blower for an air conditioner

07/01/2002

15/Cal/2002 MALHOTRA SHAVING PRODUCTS PVT LTD A shaving implement

16/Cal/2002 INDIAN INSTITUTE OF TECHNOLOGY A system for compost generation

08/01/2002

17/Cal/2002 HEWLETT-PACKARD COMPANY Fluid ejection device controlled by electronically isolated primitives

(Convention no 09/912 019 filed on 23/7/2001 in U S A )

09/01/2002

18/Cal/2002 GENERAL ELECTRIC COMPANY System and method for determining specific requirements from general requirements documents (Convention no 09/777 941 filed on 6/2/2001 in U S A )

10/01/2002

19/Cal/2002 SONY COMPUTER ENTERTAINMENT INC Optical disk apparatus and method of controlling movement of objective lens (Convention no (s) 2001 003903 and 2002-000786 filed on 11/1/2001 and 07/01/2002 in JAPAN respectively )

11/01/2002

20/Cal/2002 JARACHAND BANKA A novel all purpose security seal

14/01/2002

21/Cal/2002 STEEL AUTHORITY OF INDIA LTD Control system for and cutting of hot rolled products using flying shear in a hot rolling mill

22/Cal/2002	MASCHINENFABRIK RIETER AG. An arrangement for condensing a fibre strand.	35/Cal/2002	MASCHINENFABRIK RIETER AG. Spinning machine having a plurality of adjacently arranged spinning stations.
15.01.2002			(Convention no. 10104803.3 filed on 29.01.2001 in GERMANY.)
23/Cal/2002	CHEMETALL GES. M B. H. Friction lining. (Convention no. A 838/95 filed on 17.05.1995 in AUSTRIA.) (Divided out of no. 720/Cal/96 ante-dated to 19.04.1996.)	22.01.2002	
24/Cal/2002	PREMIER IRRIGATION EQUIPMENT LIMITED A device for projecting a clean, smooth, constant diameter solid column of water.	36/Cal/2002	STEEL AUTHORITY OF INDIA LIMITED. Process for introduction of uncrushed low ash hard coal in the Coal blend for BF coke making.
17.01.2002		37/Cal/2002	TAIWAN FLUORESCENT LAMP CO LTD. High efficiency cooling device in a cooling mechanism
25/Cal/2002	MITSUBISHI DENKI KABUSHIKI KAISHA. Brush holder for dynamo-electric machine	22.02.2002	
26/Cal/2002	GENERAL ELECTRIC COMPANY. Apparatus for cooling brush seals and seal components (Convention no. 09/777, 612 filed on 6.2.2001 in U S A )	38/Cal/2002	SAMSUNG ELECTRONICS CO. LTD. File list display apparatus capable of successively displaying sub-list. (Convention no. 2001-30284 filed on 31.05.2001 in REPUBLIC OF KOREA.)
18.01.2002		23.01.2002	
27/Cal/2002	W SCHI A-J-HORST AG & CO. Method of producing a staple fiber yarn. (Convention no. P 10102907 I filed on 23.01.2001 in GERMANY )	39/Cal/2002	MASCHINENFABRIK RIETER AG. A transport belt for transporting a fibre strand to be condensed (Convention no 10104182.9 filed on 24.01.2001 in GERMANY )
28/Cal/2002	MASCHINENFABRIK RIETER AG. An arrangement for a spinning machine for condensing a fibre strand. (Convention no. 10104175.6 filed on 24.01.2001 in GERMANY )	40/Cal/2002	TORRENT PHARMACEUTICALS LTD. A process for preparation of benzofuroxan derivatives. (Divided out of no. 462/Cal/99 ante-dated to 18.05.1999 )
21.01.2002		41/Cal/2002	TORRENT PHARMACEUTICALS LTD. A process for preparing benzofuroxan derivatives. (Divided out of no. 462/Cal/99 ante-dated to 18.05.1999.)
29/Cal/2002	BIHARI LAL AGARWAL. Shear washing machine.	42/Cal/2002	TORRENT PHARMACEUTICALS LTD. A process for preparation of 5(6)-[(2,3-Dihydroxy Propyloxy) carbonyl] benzofuroxan derivatives. (Divided out of no. 462/Cal/99 ante-dated to 18.05.1999.)
30/Cal/2002	VARAN CYRUS OMID. Improved mechanism for driving bicycles.	43/Cal/2002	KEIHIN CORPORATION. Fluid adjusting screw in carburetor. (Convention no. 2001-18943 filed on 26.01.2001 in JAPAN.)
31/Cal/2002	SAJAL BANDOPADHYAY. Omnisonic.	44/Cal/2002	KEIHIN CORPORATION. Air vent apparatus in carburetor. (Convention no. 2001-18638 filed on 26.1.2001 in JAPAN.)
32/Cal/2002	SAJAL BANDOPADHYAY. Rotation of sound.		
33/Cal/2002	SPINDELFABRIK SUSSEN SCHURR. An arrangement in a spinning machine for condensing a fibre strand. (Convention no 10104783.5 filed on 26.01.2001 in GERMANY )		
34/Cal/2002	MASCHINENFABRIK RIETER AG. An arrangement in a spinning machine for condensing a fibre strand. (Convention no. 10104784.3 filed on 26.01.2001 in Germany.)		

National Phase Application filed under PCT (Chapter 1/II) for the month of July filed in Delhi.

National Phase Application No.	IN/PCT/2001/00566/DEL	Dated: 02-07-2001
International Application No.	PCT/US00/00834	Dated: 12-01-2000
Priority	99870004.1	Dated: 13-01-1999
Name of Country:	EPO	
Name of Applicant	The Procter & Gamble Company	
Title of Invention	“DOSING AND DELIVERING SYSTEM.”	
 National Phase Application No.	IN/PCT/2001/00567/DEL	Dated: 02-07-2001
International Application No.	PCT/JP00/0008	Dated: 04-01-2000
Priority	11/2563	Dated: 08-01-1999
Name of Country:	US	
Name of Applicant	Asahi Kogaku Kogyo Kabushiki Kaisha	
Title of Invention	“OPTICAL PICK-UP.”	
 National Phase Application No.	IN/PCT/2001/00568/DEL	Dated: 02-07-2001
International Application No.	PCT/US00/30003	Dated: 31-10-2000
Priority	60/162,291	Dated: 01-11-1999
Name of Country:	US	
Name of Applicant	Everyday Battery Company Inc.	
Title of Invention	“PRODUCT PACKAGING ARRANGEMENT HAVING RETAINER.”	
 National Phase Application No.	IN/PCT/2001/00569/DEL	Dated: 02-07-2001
International Application No.	PCT/US00/30002	Dated: 31-10-2000
Priority	60/162,291	Dated: 01-11-1999
	09/535,569	Dated: 27-03-2000
Name of Country:	US	
Name of Applicant	Everyday Battery Company Inc.	
Title of Invention	“PRODUCT PACKAGING ARRANGEMENT FOR SHIPPING AND DISPLAY.”	
 National Phase Application No.	IN/PCT/2001/00570/DEL	Dated: 03-07-2001
International Application No.	PCT/IL00/00276	Dated: 16-05-2000
Priority	132859	Dated: 10-11-1999
Name of Country:	UK	
Name of Applicant	NDS Limited	
Title of Invention	“SYSTEM FOR DATA STREAM PROCESSING.”	
 National Phase Application No.	IN/PCT/2001/00571/DEL	Dated: 03-07-2001
International Application No.	PCT/KR00/00062	Dated: 27-01-2000
Priority	1999-2696	Dated: 28-01-1999
Name of Country:	KR	
Name of Applicant	Samsung Electronics Co. Ltd.	
Title of Invention	“OPTICAL FIBER PREFORM HAVING OH BARRIER AND FABRICATION METHOD THEREOF.”	

National Phase Application No.	IN/PCT/2001/00572/DEL	Dated: 03-07-2001
International Application No.	PCT/US99/30162	Dated: 18-12-1999
Priority	60/112,723	Dated: 18-12-1998
	60/158,077	Dated: 07-10-1999
Name of Country:	US	
Name of Applicant	The Penn State Research Foundation	
Title of Invention	“CYCLIC PEPTIDES.”	
 National Phase Application No.	 IN/PCT/2001/00573/DEL	 Dated: 03-07-2001
International Application No.	PCT/EP00/00289	Dated: 15-01-2000
Priority	199 02 196.1	Dated: 21-01-1999
Name of Country:	DE	
Name of Applicant	LTS Lohmann Therapie-Systeme AG.	
Title of Invention	“DEVICE FOR PACKING PRESSURE-SENSITIVE ADHESIVE SUBSTRATE SECTIONS AND THE USE THEREOF.”	
 National Phase Application No.	 IN/PCT/2001/00574/DEL	 Dated: 03-07-2001
International Application No.	PCT/IB99/01930	Dated: 03-12-1999
Priority	98420226.7	Dated: 07-12-1998
Name of Country:	EP	
Name of Applicant	Walk Pak Holding NV	
Title of Invention	“MULTILAYER COMPOSITE FILM AND USE THEREOF.”	
 National Phase Application No.	 IN/PCT/2001/00575/DEL	 Dated: 03-07-2001
International Application No.	IN/PCT/2001/00415/DEL	Dated: 17-05-2001
Priority	60/108,847	Dated: 18-11-1998
	60/110,291	Dated: 30-11-1998
Name of Country:	US	
Name of Applicant	University of Florida	
Title of Invention	“METHOD OF PREPARING COATED DRUG PARTICLES AND PHARMACEUTICAL FORMULATIONS THEREOF.”	
 National Phase Application No.	 IN/PCT/2001/00576/DEL	 Dated: 03-07-2001
International Application No.	IN/PCT/2001/00467/DEL	Dated: 01-06-2001
Priority	60/107,116	Dated: 05-11-1998
	60/115,653	Dated: 13-01-1999
Name of Country:	US	
Name of Applicant	Centre National DE LA Recherche Scientifique, Fr, The UAB research Foundation, Us, Emory University, US	
Title of Invention	“A PHARMACEUTICAL COMPOSITION.”	

National Phase Application No.	IN/PCT/2001/00577/DEL	Dated: 03-07-2001
International Application No.	IN/PCT/2001/00415/DEL	Dated: 17-05-2001
Priority	60/108,847	Dated: 18-11-1998
	60/110,291	30-11-1998
Name of Country:	US (both)	
Name of Applicant	University of Florida	
Title of Invention	“A PHARMACEUTICAL FORMULATIONS.”	
 National Phase Application No.	IN/PCT/2001/00578/DEL	Dated: 03-07-2001
International Application No.	PCT/AU99/01135	Dated: 21-12-1999
Priority	PP 7826	Dated: 21-12-1998
Name of Country:	AU	
Name of Applicant	The University of Western Australia	
Title of Invention	“NOISE REDUCTION, APPARATUS”	
 National Phase Application No.	IN/PCT/2001/00579/DEL	Dated: 03-07-2001
International Application No.	IN/PCT/2001/00467/DEL	Dated: 01-06-2001
Priority	60/107,116	Dated: 05-11-1998
	60/115,653	Dated: 13-01-1999
Name of Country:	US	
Name of Applicant	Centre National DE LA Recherche Scientifique, FR, The UAB research Foundation, US, Emory University, US.	
Title of Invention	“A PHARMACEUTICAL COMPOSITION.”	
 National Phase Application No.	IN/PCT/2001/00580/DEL	Dated: 03-07-2001
International Application No.	IN/PCT/2001/00467/DEL	Dated: 01-06-2001
Priority	60/107,116	Dated: 05-11-1998
	60/115,653	Dated: 13-01-1999
Name of Country:	US	
Name of Applicant	Centre National DE LA Recherche Scientifique, FR, The UAB research Foundation, US, Emory University, US	
Title of Invention	“A B-L-(3’-AZIDO)-2,3’-DIDEOXY-5-FLUOROCYTOSINE COMPOUND.”	
 National Phase Application No.	IN/PCT/2001/00581/DEL	Dated: 03-07-2001
International Application No.	IN/PCT/IB99/02013	Dated: 15-12-1999
Priority	1998-11658	Dated: 18-12-1998
Name of Country:	RSA	
Name of Applicant	Thetis Engineering Development (PTY) Ltd.	
Title of Invention	“DISPENSER.”	

National Phase Application No.	IN/PCT/2001/00582/DEL	Dated: 03-07-2001
International Application No.	PCT/JP00/08462	Dated: 29-11-2000
Priority	11-341142	Dated: 30-11-1999
Name of Country:	JP	
Name of Applicant	Daikin Industries Ltd.	
Title of Invention	“REMOTE CONTROLLER FOR AIR-CONDITIONING APPARATUS.”	
 National Phase Application No.	 IN/PCT/2001/00583/DEL	 Dated: 03-07-2001
International Application No.	PCT/KR00/00014	Dated: 11-01-2000
Priority	1999-888	Dated: 11-01-1999
	1999-1339	Dated: 14-01-1999
	1999-12563	Dated: 09-04-1999
Name of Country:	KR	
Name of Applicant	Samsung Electronics Co. Ltd.	
Title of Invention	“METHOD FOR GENERATING COMPLEX QUASI-ORTHOGONAL CODE AND APPARATUS AND METHOD FOR SPREADING CHANNEL DATA USING THE QUASI-ORTHOGONAL CODE IN CDMA COMMUNICTION SYSTEM.”	
 National Phase Application No.	 IN/PCT/2001/00584/DEL	 Dated: 03-07-2001
International Application No.	PCT/JP99/05739	Dated: 18-10-1999
Priority	PCT/JP99/05739	Dated: 18-10-1999
Name of Country:	JP	
Name of Applicant	Yanmar Agricultural Equipment Co. Ltd.	
Title of Invention	“RICE-PLANTING MACHINE.”	
 National Phase Application No.	 IN/PCT/2001/00585/DEL	 Dated: 03-07-2001
International Application No.	PCT/JP00/07279	Dated: 19-10-2000
Priority	11-316650	Dated: 08-11-1999
	11-319605	Dated: 10-11-1999
	2000-15981	Dated: 25-01-2000
Name of Country:	JP (all)	
Name of Applicant	Casio Computer Co. Ltd.	
Title of Invention	“PHOTORESISTOR SYSTEM AND DRIVE CONTROL METHOD THEREOF.”	

National Phase Application No.	IN/PCT/2001/00586/DEL	Dated: 04-07-2001
International Application No.	PCT/US99/30655	Dated: 23-12-1999
Priority	09/220,882	Dated: 23-12-1998
	09/335,210	17-06-1999
	09/361,499	23-07-1999
	09/413,062	04-10-1999
Name of Country:	US (all)	
Name of Applicant	Battelle Memorial Institute	
Title of Invention	“MESOPOROUS SILICA FILM FROM A SOLUTION CONTAINING A SURFACTANT AND METHODS OF MAKING SAME.”	
 National Phase Application No.	 IN/PCT/2001/00587/DEL	 Dated: 04-07-2001
International Application No.	PCT/US99/29717	Dated: 15-12-1999
Priority	60/116497	Dated: 20-01-1999
Name of Country:	US	
Name of Applicant	The Procter & Gamble Company,	
Title of Invention	“AQUEOUS HEAVY DUTY LIQUID DETERGENT COMPOSITIONS COMPRISING MODIFIED ALKYLBENZENE SULFONATES.”	
 National Phase Application No.	 IN/PCT/2001/00588/DEL	 Dated: 04-07-2001
International Application No.	PCT/US00/00790	Dated: 12-01-2000
Priority	60/116,502	Dated: 20-01-1999
	60/156677	Dated: 29-09-1999
Name of Country:	US	
Name of Applicant	The Procter & Gamble Company	
Title of Invention	“METHODS AND KITS FOR SEQUENCING POLYPEPTIDES.”	
 National Phase Application No.	 IN/PCT/2001/00589/DEL	 Dated: 04-07-2001
International Application No.	PCT/US99/29947	Dated: 15-12-1999
Priority	60/116516	Dated: 20-01-1999
Name of Country:	US	
Name of Applicant	The Procter & Gamble Company	
Title of Invention	“AQUEOUS HEAVY DUTY LIQUID DETERGENT COMPOSITIONS COMPRISING MODIFIED ALKYLBENZENE SULFONATES.”	
 National Phase Application No.	 IN/PCT/2001/00590/DEL	 Dated: 04-07-2001
International Application No.	PCT/FR99/03031	Dated: 07-12-1999
Priority	98/15,684	Dated: 11-12-1998
Name of Country:	FR	
Name of Applicant	Rhodia Chimie	
Title of Invention	“SELECTIVE HYDRODEHALOGENATION METHOD.”	

National Phase Application No.	IN/PCT/2001/00591/DEL	Dated: 04-07-2001
International Application No.	PCT/KR00/00052	Dated: 24-01-2000
Priority	99-3568	Dated: 03-02-1999
Name of Country:	KR	
Name of Applicant	Samsung Fine Chemicals Co. Ltd.	
Title of Invention	“A PROCESS FOR PREPARING (R)-4-CYANO-3-HYDROXYBUTYRIC ACID ESTER.”	
 National Phase Application No.	 IN/PCT/2001/00592/DEL	 Dated: 04-07-2001
International Application No.	PCT/KR00/01330	Dated: 18-11-2000
Priority	60/166,602	Dated: 19-11-1999
	09/713,112	Dated: 15-11-2000
Name of Country:	US (both)	
Name of Applicant	Samsung Electronics Co. Ltd.	
Title of Invention	“DEVICE COMMUNICATION AND CONTROL IN A HOME NETWORK CONNECTED TO AN EXTERNAL NETWORK WITH REGIONAL SUPPORT.”	
 National Phase Application No.	 IN/PCT/2001/00593/DEL	 Dated: 04-07-2001
International Application No.	PCT/NO99/00392	Dated: 17-12-1999
Priority	19990001	Dated: 04-01-1999
Name of Country:	NO	
Name of Applicant	Anti-Cancer Therapeutic Inventions As	
Title of Invention	“THE PREPARATION AND USE OF RADIUM-223 TO TARGET CALCIFIED TISSUES FOR PAIN PALLIATION, BONE CANCER THERAPY, AND BONE SURFACE CONDITIONING.”	
 National Phase Application No.	 IN/PCT/2001/00594/DEL	 Dated: 04-07-2001
International Application No.	PCT/US00/02362	Dated: 28-01-2000
Priority	60/117,820	Dated: 29-01-1999
Name of Country:	US	
Name of Applicant	CRS Holdings Inc.	
Title of Invention	“HIGH-HARDNESS POWDER METALLURGY TOOL STEEL AND ARTICLE MADE THEREFROM.”	
 National Phase Application No.	 IN/PCT/2001/00595/DEL	 Dated: 05-07-2001
International Application No.	PCT/FR99/03035	Dated: 07-12-1999
Priority	98/15393	Dated: 07-12-1998
Name of Country:	FR	
Name of Applicant	Obreja Catalin	
Title of Invention	“PROTECTIVE HELMET.”	

National Phase Application No.	IN/PCT/2001/00596/DEL	Dated: 05-07-2001
International Application No.	PCT/CA00/01166	Dated: 06-10-2000
Priority	09/684,542	Dated: 10-10-2000
Name of Country:	US	
Name of Applicant	Global Thermoelectric Inc.	
Title of Invention	“COMPOSITE ELECTRODES FOR SOLID STATE ELECTROCHEMICAL DEVICES”	
 National Phase Application No.	 IN/PCT/2001/00597/DEL	 Dated: 05-07-2001
International Application No.	PCT/US99/31232	Dated: 30-12-1999
Priority	60/114,313	Dated: 31-12-1998
Name of Country:	US	
Name of Applicant	Sugen, Inc.	
Title of Invention	“3-HETEROARYLIDENYL-2 INDOLINONE COMPOUNDS FOR MODULATING PROTEIN KINASE ACTIVITY AND FOR USE IN CANCER CHEMOTHERAPY.”	
 National Phase Application No.	 IN/PCT/2001/00598/DEL	 Dated: 05-07-2001
International Application No.	PCT/US00/00574	Dated: 10-01-2000
Priority	60/115378	Dated: 11-01-1999
	60/156539	Dated: 29-09-1999
Name of Country:	US	
Name of Applicant	The Procter & Gamble Company	
Title of Invention	“COMPOSITIONS HAVING IMPROVED STABILITY.”	
 National Phase Application No.	 IN/PCT/2001/00599/DEL	 Dated: 05-07-2001
International Application No.	PCT/US00/00574	Dated: 10-01-2000
Priority	60/115378	Dated: 11-01-1999
	60/156539	Dated: 29-09-1999
Name of Country:	US	
Name of Applicant	The Procter & Gamble Company	
Title of Invention	“COMPOSITIONS HAVING IMPROVED IMPROVED STABILITY.”	
 National Phase Application No.	 IN/PCT/2001/00600/DEL	 Dated: 05-07-2001
International Application No.	PCT/US00/00575	Dated: 10-01-2000
Priority	60/115378	Dated: 11-01-1999
Name of Country:	US	
Name of Applicant	The Procter & Gamble Company	
Title of Invention	“COMPOSITIONS HAVING IMPROVED DELIVERY OF ACTIVES.”	

National Phase Application No.	IN/PCT/2001/00601/DEL	Dated: 05-07-2001
International Application No.	PCT/US00/00922	Dated: 14-01-2000
Priority	60/116644	Dated: 21-01-1999
Name of Country:	US	
Name of Applicant	The Procter & Gamble Company	
Title of Invention	"IMPROVED DETERGENT COMPOSITIONS COMPRISING HYBRID ZEOLITE BUILDERS."	
 National Phase Application No.	 IN/PCT/2001/00602/DEL	 Dated: 06-07-2001
International Application No	PCT/GB99/04371	Dated: 22-10-1999
Priority	9828362.5	Dated: 22-10-1998
Name of Country:	GB	
Name of Applicant	Neoventa Medical AB	
Title of Invention	"DEVICE FOR REDUCING SIGNAL NOISE IN A FETAL ECG SIGNAL."	
 National Phase Application No.	 IN/PCT/2001/00603/DEL	 Dated: 06-07-2001
International Application No.	PCT/IB00/01455	Dated: 10-10-2000
Priority	99/12797	Dated: 12-10-1999
Name of Country:	FR	
Name of Applicant	Meristem Therapeutics	
Title of Invention	"METHOD FOR INCREASING TRANSGENIC BIOMASS."	
 National Phase Application No.	 IN/PCT/2001/00604/DEL	 Dated: 06-07-2001
International Application No.	PCT/US99/28479	Dated: 01-12-1999
Priority	60/110,541	Dated: 02-12-1998
Name of Country:	US	
Name of Applicant	Centaur Pharmaceuticals, Inc.	
Title of Invention	"3,4,5-TRISUBSTITUTED ARYL NITRONE COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS CONTAINING THE SAME."	
 National Phase Application No.	 IN/PCT/2001/00605/DEL	 Dated: 06-07-2001
International Application No.	PCT/US00/00571	Dated: 10-01-2000
Priority	60/115,600	Dated: 12-01-1999
	60/154,717	20-09-1999
	60/155,364	20-09-1999
	60/155,365	20-09-1999
Name of Country:	US(all)	
Name of Applicant	Hunter Douglas Industries B.V.	
Title of Invention	"NON-WOVEN FABRIC AND METHOD AND APPARATUS FOR MANUFACTURING SAME."	

National Phase Application No.	IN/PCT/2001/00606/DEL	Dated: 06-07-2001
International Application No.	PCT/JP00/07267	Dated: 19-10-2000
Priority	11/299636	Dated: 21-10-1999
Name of Country	JP	
Name of Applicant	Matsushita Electric Industrial Co. Ltd.	
Title of Invention	“A SEMI-CONDUCTOR MEMORY CARD ACCESS APPARATUS, A COMPUTER- READABLE RECORDING MEDIUM, AN INITIALIZATION METHOD AND A SEMICONDUCTOR MEMORY CARD.”	
 National Phase Application No.	 IN/PCT/2001/00607/DEL	 Dated: 06-07-2001
International Application No.	PCT/JP00/07916	Dated: 10-11-2000
Priority	11/321788	Dated: 11-11-1999
Name of Country:	JP	
Name of Applicant	Information System Development Institute and The Institute of Computer based software methodology and technology.	
Title of Invention	“PROGRAM REPRODUCTION METHOD AND APPARATUS, AND MEDIUM HAVING A PROGRAM FOR PROGRAM REPRODUCTION RECORDED THEREON”	
 National Phase Application No.	 IN/PCT/2001/00608/DEL	 Dated: 09-07-2001
International Application No.	PCT/US00/00576	Dated: 10-01-2000
Priority	60/115378	Dated: 11-01-1999
	60/156,540	Dated: 29-09-1999
Name of Country:	US	
Name of Applicant	The Procter & Gamble Company	
Title of Invention	“COMPOSITIONS HAVING IMPROVED STABILITY”	
 National Phase Application No	 IN/PCT/2001/00609/DEL	 Dated: 09-07-2001
International Application No.	PCT/EP99/09659	Dated: 07-12-1999
Priority	9827033.3	Dated: 10-12-1998
Name of Country:	GB	
Name of Applicant	Calcitech Ltd.	
Title of Invention	“LIME TREATMENT”	

National Phase Application No.	IN/PCT/2001/00610/DEL	Dated: 09-07-2001
International Application No.	PCT/FR99/03136	Dated: 14-12-1999
Priority	98/16050	Dated: 18-12-1998
Name of Country:	FR	
Name of Applicant	Galderma Research & Development S.N.C.	
Title of Invention	“OIL-IN-WATER EMULSION COMPRISING A MICRONISED BIOLOGICALLY ACTIVE AGENT AND AN APPROPRIATE EMULSIFIER SYSTEM.”	
 National Phase Application No.	IN/PCT/2001/00611/DEL	Dated: 09-07-2001
International Application No.	PCT/FR00/00026	Dated: 07-01-2000
Priority	99/00186	Dated: 11-01-1999
Name of Country:	FR	
Name of Applicant	Aventis Pharma S.A.	
Title of Invention	“NOVEL POLYHYDROXYPYRAZINE DERIVATIVES, PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME.”	
 National Phase Application No.	IN/PCT/2001/00612/DEL	Dated: 09-07-2001
International Application No.	PCT/US00/1333	Dated: 20-01-2000
Priority	60/116,613	Dated: 21-01-1999
	60/143,383	12-07-1999
	09/365,322	30-07-1999
	09/365,592	30-07-1999
Name of Country:	US (all)	
Name of Applicant	Hypoguard America Limited	
Title of Invention	“COMPOSITION AND DEVICE FOR DETECTING LEUKOCYTES IN URINE.”	
 National Phase Application No.	IN/PCT/2001/00613/DEL	Dated: 09-07-2001
International Application No.	PCT/KR00/01297	Dated: 13-11-2000
Priority	1999-50110	Dated: 12-11-1999
Name of Country:	KR	
Name of Applicant	Pohang Iron & Steel Co. Ltd.	
Title of Invention	“RESIN-COATED STEEL SHEET FOR FUEL TANKS OF AUTOMOBILE AND METHOD OF FABRICATING THE SAME.”	
 National Phase Application No.	IN/PCT/2001/00614/DEL	Dated: 09-07-2001
International Application No.	PCT/CA00/01322	Dated: 10-11-2000
Priority	60/165,220	Dated: 12-11-1999
Name of Country:	US	
Name of Applicant	General Electric Canada Inc.	
Title of Invention	“FLEXIBLE COMMUTATOR RISER.”	

National Phase Application No.	IN/PCT/2001/00615/DEL	Dated: 09-07-2001
International Application No.	PCT/US00/27703	Dated: 06-10-2000
Priority	09/439,826	Dated: 12-11-1999
Name of Country:	US	
Name of Applicant	Baxter International Inc.	
Title of Invention	“IMPROVED CONTAINERS AND METHODS FOR MANUFACTURING SAME.”	
 National Phase Application No.	 IN/PCT/2001/00616/DEL	 Dated: 10-07-2001
International Application No.	PCT/US99/30490	Dated: 20-12-1999
Priority	09/241,367	Dated: 29-01-1999
Name of Country:	US	
Name of Applicant	ICN Pharmaceuticals, Inc.	
Title of Invention	“MODULATION OF IMMUNE RESPONSE BY RIBAVIRIN.”	
 National Phase Application No.	 IN/PCT/2001/00617/DEL	 Dated: 10-07-2001
International Application No.	PCT/US00/00053	Dated: 03-01-2000
Priority	09/228,343	Dated: 11-01-1999
Name of Country:	US	
Name of Applicant	ADC Telecommunications, Inc.	
Title of Invention	“VERTICAL CABLE MANAGEMENT SYSTEM WITH RIBCAGE STRUCTURE.”	
 National Phase Application No.	 IN/PCT/2001/00618/DEL	 Dated: 10-07-2001
International Application No.	PCT/US00/30949	Dated: 10-11-2000
Priority	60/165,304	Dated: 12-11-1999
	09/550,305	Dated: 14-04-2000
Name of Country:	US	
Name of Applicant	Inductotherm Corp.	
Title of Invention	“HIGH EFFICIENCY INDUCTION MELTING SYSTEM.”	
 National Phase Application No.	 IN/PCT/2001/00619/DEL	 Dated: 10-07-2001
International Application No.	PCT/US00/00062	Dated: 04-01-2000
Priority	09/231,736	Dated: 15-01-1999
	09/327,053	Dated: 07-07-1999
Name of Country:	US	
Name of Applicant	ADC Telecommunications Inc.	
Title of Invention	“TELECOMMUNICATIONS JACK ASSEMBLY.”	

National Phase Application No.	IN/PCT/2001/00620/DEL	Dated: 10-07-2001
International Application No.	PCT/AU00/00038	Dated: 25-05-2000
Priority	PP 8293	Dated: 25-01-1999
Name of Country:	AU	
Name of Applicant	Swig Pty. Ltd.	
Title of Invention	‘RECOVERY OF CHROMAN DERIVATIVES.’	
 National Phase Application No.	 IN/PCT/2001/00621/DEL	 Dated: 10-07-2001
International Application No.	PCT/AU00/00703	Dated: 22-06-2000
Priority	PQ 1199	Dated: 25-06-1999
Name of Country:	AU	
Name of Applicant	Note Printing Australia Limited	
Title of Invention	“IMPROVED SECURITY DOCUMENTS.”	
 National Phase Application No.	 IN/PCT/2001/00622/DEL	 Dated: 10-07-2001
International Application No.	PCT/GB00/00888	Dated: 10-03-2000
Priority	9905646.7	Dated: 11-03-1999
	60/125,747	Dated: 23-03-1999
Name of Country:	UK	
Name of Applicant	Cobra Therapeutics Limited	
Title of Invention	“A VESSEL FOR MIXING A CELL LYSATE.”	
 National Phase Application No.	 IN/PCT/2001/00623/DEL	 Dated: 10-07-2001
International Application No.	PCT/GB00/00155	Dated: 21-01-2000
Priority	9901354.2	Dated: 21-01-1999
Name of Country:	UK	
Name of Applicant	Phillipps, John Quentin	
Title of Invention	“ELECTRONIC APPARATUS WITH DISPLAY SHARED BY DIFFERENT ELECTRONIC MODULES.”	
 National Phase Application No.	 IN/PCT/2001/00624/DEL	 Dated: 10-07-2001
International Application No.	PCT/US00/01687	Dated: 25-01-2000
Priority	09/238,008	Dated: 26-01-1999
Name of Country:	US	
Name of Applicant	High-Density Energy Inc.	
Title of Invention	“CATALYTIC AIR CATHODE FOR AIR-METAL BATTERIES.”	
 National Phase Application No.	 IN/PCT/2001/00625/DEL	 Dated: 11-07-2001
International Application No.	PCT/JP00/07895	Dated: 09-11-2000
Priority	322329/1999	Dated: 12-11-1999
Name of Country:	JP	
Name of Applicant	Citizen Watch Co., Ltd.	
Title of Invention	“DISPLAY DEVICE OF ELECTRONIC APPARATUS PROVIDED WITH SOLAR CELL.”	

National Phase Application No.	IN/PCT/2001/00626/DEL	Dated: 11-07-2001
International Application No.	PCT/US99/29891	Dated: 15-12-1999
Priority	09/228,297	Dated: 12-01-1999
Name of Country:	US	
Name of Applicant	Uniroyal Chemical Company, Inc.	
Title of Invention	“IN SITU PREPARATION OF A BI-S (BENZOTHIAZOLESULFONYL) AMIDE IN A POLYMERIC MATRIX.”	
 National Phase Application No.	 IN/PCT/2001/00627/DEL	 Dated: 11-07-2001
International Application No.	PCT/US00/04038	Dated: 17-02-2000
Priority	09/252,154	Dated: 18-02-1999
Name of Country:	US	
Name of Applicant	International Fuel Cells LLC	
Title of Invention	“COMPACT AND LIGHT WEIGHT CATALYST BED FOR USE IN A FUEL CELL POWER PLANT AND METHOD FOR FORMING THE SAME.”	
 National Phase Application No.	 IN/PCT/2001/00628/DEL	 Dated: 12-07-2001
International Application No.	PCT/FR00/00041	Dated: 11-01-2000
Priority	99/00227	Dated: 12-01-1999
Name of Country:	FR	
Name of Applicant	Aventis Pharma S.A.	
Title of Invention	“PROCESS FOR THE PREARATION OF BICYCLIC COMPOUNDS AND THE USE OF THIS PROCESS FOR THE PREPARATION OF AN ICE INHIBITOR COMPOUND.”	
 National Phase Application No.	 IN/PCT/2001/00629/DEL	 Dated: 12-07-2001
International Application No.	PCT/US00/00824	Dated: 12-01-2000
Priority	60/115,519	Dated: 12-01-1999
Name of Country:	US	
Name of Applicant	Microcoating Technologies Inc.	
Title of Invention	“EPITAXIAL THIN FILMS.”	
 National Phase Application No.	 IN/PCT/2001/00630/DEL	 Dated: 13-07-2001
International Application No.	PCT/IL99/00578	Dated: 01-11-1999
Priority	09/233,012	Dated: 19-01-1999
Name of Country:	US	
Name of Applicant	Vocaltec Communications Ltd.	
Title of Invention	“METHOD AND APPARATUS FOR RECONSTRUCTING MEDIA.”	

National Phase Application No.	IN/PCT/2001/00631/DEL	Dated: 13-07-2001
International Application No.	PCT/CU00/00004	Dated: 16-11-2000
Priority	196/99	Dated: 16-11-1999
Name of Country:	CU	
Name of Applicant	Centro De Inmunologia Molecular	
Title of Invention	“ANTIBODIES AND FV FRAGMENT RECOGNIZING ANTIGEN IOR C2.”	
National Phase Application No.	IN/PCT/2001/00632/DEL	Dated: 13-07-2001
International Application No.	PCT/SE99/02479	Dated: 23-12-1999
Priority	9804547.9	Dated: 23-12-1999
Name of Country:	SE	
Name of Applicant	Tomas Dalstrom	
Title of Invention	“A DEVICE FOR SUPPORTING READING OF A TEXT FROM A DISPLAY MEMBER.”	
National Phase Application No.	IN/PCT/2001/00633/DEL	Dated: 06-07-2001
International Application No.	PCT/JP00/08113	Dated: 17-11-2000
Priority	327161/1999	Dated: 17-11-1999
Name of Country:	JP	
Name of Applicant	Sony Corporation	
Title of Invention	“DIGITAL SIGNAL PROCESSING APPARATUS, SYSTEM THEREOF, AND EXTENSION FUNCTION PROVIDING METHOD.”	
National Phase Application No.	IN/PCT/2001/00634/DEL	Dated: 13-07-2001
International Application No.	PCT/JP00/08112	Dated: 17-11-1999
Priority	327160/1999	Dated: 17-11-1999
Name of Country:	JP	
Name of Applicant	Sony Corporation	
Title of Invention	“DIGITAL SIGNAL PROCESSING APPARATUS AND METHOD.”	
National Phase Application No.	IN/PCT/2001/00635/DEL	Dated: 13-07-2001
International Application No.	PCT/JP00/08114	Dated: 17-11-2000
Priority	327162/1999	Dated: 17-11-1999
Name of Country:	JP	
Name of Applicant	Sony Corporation	
Title of Invention	“DIGITAL SIGNAL PROCESSING APPARATUS AND METHOD.”	

National Phase Application No.	IN/PCT/2001/00636/DEL	Dated: 13-07-2001
International Application No.	PCT/US00/01220	Dated: 19-01-2000
Priority	09/234,829	Dated: 21-01-1999
Name of Country:	US	
Name of Applicant	Colgate-Palmolive Company	
Title of Invention	“DUAL COMPONENT DENTINAL DESENSITIZING DENTRIFRICE.”	
National Phase Application No.	IN/PCT/2001/00637/DEL	Dated: 13-07-2001
International Application No.	PCT/IL00/00027	Dated: 14-01-2000
Priority	128056	Dated: 14-01-1999
Name of Country:	IL	
Name of Applicant	S.F.M. Sophisticated Flow Meters Ltd	
Title of Invention	“DROPLET COUNTER FOR LOW FLOW RATES.”	

National Phase Application No.	IN/PCT/2001/00638/DEL	Dated : 16-07-01
Corresponding PCT Application No.	PCT/TR00/03233	Dated : 21-12-99
Priority No.	98/16588	Dated : 23-12-98
Name of Country	FR	
Applicant Details	Rhodiaanyl	
Title of Invention	“METHOD FOR MAKING POLYAMIDE”	
 National Phase Application No.	IN/PCT/2001/00639/DEL	Dated : 16-07-01
Corresponding PCT Application No	PCT/KR00/01366	Dated : 27-11-00
Priority No	1999-32928	Dated : 26-11-99
Name of Country	KR	
Applicant Details	Pohang Iron & Steel Co., Ltd.	
Title of Invention	“SURFACE-TREATED STEEL SHEET COATED WITH CHROMATE FILM FOR FUEL TANKS AND METHOD OF FABRICATING THE SAME”	
 National Phase Application No	IN/PCT/2001/00640/DEL	Dated : 16-07-01
Corresponding PCT Application No	PCT/US00/01098	Dated : 14-01-00
Priority No	09/231,692	Dated : 14-01-99
Name of Country	US	
Applicant Details	Cargill, Incorporated	
Title of Invention	“METHOD AND APPARATUS FOR PROCESSING VEGETABLE OIL MISCELLA”	
 National Phase Application No.	IN/PCT/2001/00641/DEL	Dated : 16-07-01
Corresponding PCT Application No.	PCT/US00/01388	Dated : 20-01-00
Priority No.	99101890.4	Dated : 29-01-99
Name of Country	EPO	
Applicant Details	The Procter & Gamble Company	
Title of Invention	“PERFORATED SHEET OF MATERIAL”	
 National Phase Application No	IN/PCT/2001/00642/DEL	Dated : 16-07-01
Corresponding PCT Application No	PCT/KR99/00739	Dated : 04-12-99
Priority No.	1999-4025	Dated : 05-02-99
	1999-37508	03-09-99
Name of Country	KR (both)	
Applicant Details	Korea Kumho Petrochemical Co. Ltd.	
Title of Invention	“A METHOD OF PREPARING CYCLOHEXANE-CARBOXYLIC ACID USING {2+4} DIELS-ALDER REACTION”	

National Phase Application No.	IN/PCT/2001/00643/DEL	Dated : 17-07-01
Corresponding PCT Application No.	PCT/CA98/01167	Dated : 28-12-98
Priority No.	PCT/CA98/01167	Dated : 28-12-98
Name of Country	CA	
Applicant Details	Teekay Shipping Corporation	
Title of Invention	“METHOD AND APPARATUS FOR EXCHANGING BALLAST WATER IN A SHIP”	
 National Phase Application No.	IN/PCT/2001/00644/DEL	Dated : 17-07-01
Corresponding PCT Application No.	PCT/EP00/12741	Dated : 14-12-00
Priority No.	19960287.5	Dated : 14-12-99
Name of Country	DE	
Applicant Details	Ejot Verbindung Stechnik GmbH & Co. K	
Title of Invention	“SELF-TAPPING SCREW”	
 National Phase Application No.	IN/PCT/2001/00645/DEL	Dated : 18-07-01
Corresponding PCT Application No.	PCT/CA00/01299	Dated : 01-11-00
Priority No.	2287830	Dated : 01-11-99
	60/163,260	03-11-99
Name of Country	CA (both)	
Applicant Details	Alberta Research Council Inc.	
Title of Invention	“ACID TREATMENT OF NON-WOODY LIGNOCELLULOSIC MATERIAL”	
 National Phase Application No.	IN/PCT/2001/00646/DEL	Dated : 18-07-01
Corresponding PCT Application No.	PCT/US00/01300	Dated : 19-01-00
Priority No.	09/233,617	Dated : 19-01-99
Name of Country	US	
Applicant Details	Cargill Incorporated	
Title of Invention	“OILS WITH HETEROGENOUS CHAIN LENGTHS”	
 National Phase Application No.	IN/PCT/2001/00647/DEL	Dated : 19-07-01
Corresponding PCT Application No.	PCT/FR99/03249	Dated : 22-12-99
Priority No.	98/16,466	Dated : 22-12-98
Name of Country	FR	
Applicant Details	Aventis Cropscience SA	
Title of Invention	“SYNERGIC FUNGICIDE COMPOSITION COMPRISING A COMPOUND ANALOGUE OF STROBILURIN”	

National Phase Application No.	IN/PCT/2001/00648/DEL	Dated : 19-07-01
Corresponding PCT Application No.	PCT/JP00/08879	Dated : 14-12-00
Priority No.	11/357294	Dated : 16-12-99
Name of Country	JP	
Applicant Details	Zuiko Corporation	
Title of Invention	“METHOD AND DEVICE FOR TRANSPORTATION”	
 National Phase Application No.	IN/PCT/2001/00649/DEL	Dated : 20-07-01
Corresponding PCT Application No.	PCT/GB99/03811	Dated : 17-11-99
Priority No.	9828480.5	Dated : 24-12-98
Name of Country	UK	
Applicant Details	Dermatech Limited	
Title of Invention	“TRANSDERMAL DRUG DELIVERY SYSTEM”	
 National Phase Application No.	IN/PCT/2001/00650/DEL	Dated : 20-07-01
Corresponding PCT Application No.	PCT/IT00/00052	Dated : 18-02-00
Priority No.	BS99A000016	Dated : 23-02-99
Name of Country	IT	
Applicant Details	Vignoni S.R.L.	
Title of Invention	“A METHOD AND APPARATUS FOR STRETCHING AND COLLECTING A KNITTED FABRIC PRODUCED BY CIRCULAR KNITTING MACHINES”	
 National Phase Application No.	IN/PCT/2001/00651/DEL	Dated : 20-07-01
Corresponding PCT Application No.	PCT/US00/01459	Dated : 21-01-00
Priority No.	09/234,544	Dated : 21-01-99
Name of Country	US	
Applicant Details	Mobil Oil Corporation	
Title of Invention	“SYNTHETIC POROUS CRYSTALLINE MCM- 68, ITS SYNTHESIS AND USE”	
 National Phase Application No.	IN/PCT/2001/00652/DEL	Dated : 23-07-01
Corresponding PCT Application No.	PCT/AU00/00018	Dated : 17-01-00
Priority No.	PP 8198	Dated : 18-01-99
Name of Country	AU	
Applicant Details	Contract Research & Development (M) SDN. BHD, David John Tadgell	
Title of Invention	“USE OF VEGETATIVE MATERIAL AS A FILLER IN COMPOSITE MATERIALS”	

National Phase Application No.	IN/PCT/2001/00653/DEL	Dated : 23-07-01
Corresponding PCT Application No.	PCT/US99/30784	Dated : 22-12-99
Priority No.	09/220,436	Dated : 24-12-98
Name of Country	US	
Applicant Details	Computer Associates Think Inc.	
Title of Invention	“METHOD AND APPARATUS FOR DYNAMIC COMMAND EXTENSIBILITY IN AN INTELLIGENT AGENT”	
 National Phase Application No.	IN/PCT/2001/00654/DEL	Dated : 23-07-01
Corresponding PCT Application No.	PCT/FR00/00396	Dated : 17-02-00
Priority No.	9902412	Dated : 26-02-99
Name of Country	FR	
Applicant Details	Fournier Industrie Et Sante	
Title of Invention	“HETEROCYCLIC BENZENESULPHONAMIDE COMPOUNDS AS BRADYKININ ANTAGONISTS”	
 National Phase Application No.	IN/PCT/2001/00655/DEL	Dated : 23-07-01
Corresponding PCT Application No.	PCT/US00/01380	Dated : 20-01-00
Priority No.	60/116,785	Dated : 21-01-99
	09/348,889	06-07-99
Name of Country	US (both)	
Applicant Details	Jameson Joel	
Title of Invention	“METHODS AND APPARATUS FOR ALLOCATING RESOURCES IN THE PRESENCE OF UNCERTAINTY”	
 National Phase Application No.	IN/PCT/2001/00656/DEL	Dated : 23-07-01
Corresponding PCT Application No.	PCT/US00/01753	Dated : 26-01-00
Priority No.	09/237,405	Dated : 26-01-99
Name of Country	US	
Applicant Details	Societe De Conseils De Recherches Et D' Applications Scientinques SAS And Poly-med Inc.	
Title of Invention	“IONIC MOLECULAR CONJUGATES OF BIODEGRADABLE POLYESTERS AND BIOACTIVE POLYPEPTIDES”	

National Phase Application No.	IN/PCT/2001/00657/DEL	Dated : 24-07-01
Corresponding PCT Application No.	PCT/US00/01868	Dated . 27-01-00
Priority No.	9901819.4	Dated : 27-01-99
Name of Country	GiB	
Applicant Details	R.P. Scherer Corporation	
Title of Invention	“FAST DISPERSING DOSAGE FORMS FREE OF GELATIN”	
 National Phase Application No.	 IN/PCT/2001/00658/DEL	 Dated 24-07-01
Corresponding PCT Application No.	PCT/US00/03219	Dated : 08-02-00
Priority No.	09/250208	Dated : 15-02-99
Name of Country	US	
Applicant Details	Shell Internationale Research Maatschappij B.V.	
Title of Invention	“PREPARATION OF A HYDROTREATING CATALYST”	
 National Phase Application No.	 IN/PCT/2001/00659/DEL	 Dated : 24-07-01
Corresponding PCT Application No.	PCT/KR00 01237	Dated : 30-11-00
Priority No.	99-54904	Dated : 03-12-99
Name of Country	KR	
Applicant Details	Samsung Electronics Co. Ltd. Electronics And Telecommunications Research Institute And Hyundai Electronics Industries Co. Ltd. & Heinrich-Hertz-Institut & The Regents of the University of California & Information And Communications University Educational Foundation	
Title of Invention	“TEXTURE DESCRIPTION METHOD AND TEXTURE-BASED IMAGE RETRIEVAL METHOD USING GABOR FILTER IN FREQUENCY DOMAIN ”	
 National Phase Application No.	 IN/PCT/2001/00660/DEL	 Dated : 24-07-01
Corresponding PCT Application No.	PCT/GB00/00316	Dated : 03-02-00
Priority No.	9902652.8	Dated : 05-02-99
Name of Country	UK	
Applicant Details	Vitrolife UK Limited	
Title of Invention	“PROCESS FOR CROSS-LINKING HYALURONIC ACID TO POLYMERS”	
 National Phase Application No.	 IN/PCT/2001/00661/DEL	 Dated : 24-07-01
Corresponding PCT Application No.	PCT/GB00/00321	Dated : 03-02-00
Priority No.	9902412.7	Dated : 03-02-99
Name of Country	UK	
Applicant Details	Vitrolife UK Limited	
Title of Invention	“PROCESS FOR THE PRODUCTION OF MULTIPLE CROSS-LINKED HYALURONIC ACID DERIVATIVES”	

National Phase Application No.	IN/PCT/2001/00662/DEL	Dated : 25-07-01
Corresponding PCT Application No.	PCT/US00/03472	Dated : 09-02-00
Priority No.	60/119,569	Dated : 10-02-99
Name of Country	US	
Applicant Details	The Procter & Gamble Company	
Title of Invention	“LAUNDRY DETERGENT COMPOSITIONS WITH FABRIC ENHANCING COMPONENT”	
 National Phase Application No.	IN/PCT/2001/00663/DEL	Dated : 25-07-01
Corresponding PCT Application No.	PCT/KR00/00201	Dated : 13-03-00
Priority No.	09/272,321	Dated : 19-03-99
Name of Country	US	
Applicant Details	Samsung Electronics Co. Ltd.	
Title of Invention	“APPARATUS FOR ANALYZING IMAGE TEXTURE AND METHOD THEREFOR”	
 National Phase Application No.	IN/PCT/2001/00664/DEL	Dated : 25-07-01
Corresponding PCT Application No.	PCT/KR00/00088	Dated : 03-02-00
Priority No.	60/118,750	Dated : 02-05-99
Name of Country	KR	
Applicant Details	Samsung Electronics Co. Ltd. & The Regents of the University of California	
Title of Invention	“DIGITAL VIDEO PROCESSING METHOD AND APPARATUS THEREOF”	
 National Phase Application No.	IN/PCT/2001/00665/DEL	Dated : 25-07-01
Corresponding PCT Application No.	PCT/KR00/00091	Dated : 03-02-00
Priority No.	60/118,740	Dated : 05-02-99
Name of Country	KR	
Applicant Details	Samsung Electronics Co. Ltd. & The Regents of the University of California	
Title of Invention	“IMAGE TEXTURE RETRIEVING METHOD AND APPARATUS THEREOF”	
 National Phase Application No.	IN/PCT/2001/00666/DEL	Dated : 25-07-01
Corresponding PCT Application No.	PCT/KR00/00090	Dated : 03-02-00
Priority No.	60/118,741	Dated : 05-02-99
Name of Country	KR	
Applicant Details	Samsung Electronics Co. Ltd. & The Regents of University of California	
Title of Invention	“COLOR IMAGE PROCESSING METHOD AND APPARATUS THEREOF”	

National Phase Application No.	IN/PCT/2001/00667/DEL	Dated : 25-07-01
Corresponding PCT Application No.	PCT/KR00/00089	Dated : 03-02-00
Priority No.	60/118,742	Dated : 05-02-99
Name of Country	US	
Applicant Details	Samsung Electronics Co. Ltd. & The Regents of the University of California	
Title of Invention	“COLOR IMAGE PROCESSING METHOD AND APPARATUS THEREOF”	
 National Phase Application No.	IN/PCT/2001/00668/DEL	Dated : 26-07-01
Corresponding PCT Application No.	PCT/US00/01348	Dated : 21-01-00
Priority No.	09/237,917	Dated : 27-01-99
Name of Country	US	
Applicant Details	Thomas Nosker, Richard Renfree and James Kerstein	
Title of Invention	“USE OF RECYCLED PLASTICS FOR PREPARING HIGH PERFORMANCE COMPOSITE RAILROAD TIES”	
 National Phase Application No.	IN/PCT/2001/00669/DEL	Dated : 26-07-01
Corresponding PCT Application No.	PCT/FR00/03385	Dated : 05-12-00
Priority No.	99/15530	Dated : 06-12-99
Name of Country	FR	
Applicant Details	Sneecma Moteurs	
Title of Invention	“A METHOD OF OBTAINING A CARBON-FIBER FABRIC BY CONTINUOUSLY CARBONIZING A CELLULOSE FIBER FABRIC”	
 National Phase Application No.	IN/PCT/2001/00670/DEL	Dated : 26-07-01
Corresponding PCT Application No.	PCT/GB00/00700	Dated : 28-02-00
Priority No.	9904357.2	Dated : 26-02-99
Name of Country	GB	
Applicant Details	Thermotic Developments Limited	
Title of Invention	“SELF-HEATING OR SELF-COOLING CONTAINING”	
 National Phase Application No.	IN/PCT/2001/00671/DEL	Dated : 26-07-01
Corresponding PCT Application No.	PCT/EP00/00130	Dated : 07-01-00
Priority No.	MI99A000176	Dated : 29-01-99
Name of Country	IT	
Applicant Details	Baxter Biotech Technology S.a.r.l.	
Title of Invention	“CARTRIDGE FOR DIALYSIS CONTAINING SODIUM BICARBONATE”	

National Phase Application No.	IN/PCT/2001/00672/DEL	Dated : 27-07-01
Corresponding PCT Application No.	PCT/FR00/00020	Dated : 07-01-00
Priority No.	99/00,202	Dated : 07-01-99
Name of Country	FR	
Applicant Details	Aventis Cropscience S.A.	
Title of Invention	“NOVEL METHOD FOR PREPARING CHIRAL AMINO CARDS”	
 National Phase Application No.	IN/PCT/2001/00673/DEL	Dated : 27-07-01
Corresponding PCT Application No.	PCT/EP00/00735	Dated : 28-01-00
Priority No.	09/239,900	Dated : 29-01-99
Name of Country	US	
Applicant Details	Shell Internationale Research Maatschappij B.V.	
Title of Invention	“PURIFICATION OF RECYCLED 1,3-PROPANEDIOL DURING POLYESTER PREPARATION ”	
 National Phase Application No.	IN/PCT/2001/00674/DEL	Dated : 27-07-01
Corresponding PCT Application No.	PCT/US00/02126	Dated : 27-01-00
Priority No.	60/117,599	Dated : 27-01-99
	60/152,135	25-08-99
	60/161,934	28-10-99
Name of Country	US	
Applicant Details	Viacor Incorporated	
Title of Invention	“CARDIAC VALVE PROCEDURE METHODS AND DEVICES”	
 National Phase Application No.	IN/PCT/2001/00675/DEL	Dated : 27-07-01
Corresponding PCT Application No.	PCT/IT99/00388	Dated : 25-11-99
Priority No.	IT-RM99A000066	Dated : 28-01-99
Name of Country	IT	
Applicant Details	Micronasa di Patarchi Alberto	
Title of Invention	“PERMANENT MAGNET ELECTRIC MACHINE WITH ENERGY SAVING CONTROL”	
 National Phase Application No.	IN/PCT/2001/00676/DEL	Dated : 30-07-01
Corresponding PCT Application No.	PCT/AU00/00010	Dated : 11-01-00
Priority No.	PP 8113	Dated : 12-01-99
Name of Country	AU	
Applicant Details	Castrip LLC.	
Title of Invention	“COLD ROLLED STEEL”	

National Phase Application No.	IN/PCT/2001/00677/DEL	Dated : 30-07-01
Corresponding PCT Application No.	PCT/GB00/00490	Dated . 14-02-00
Priority No.	9903216.1	Dated : 13-02-99
Name of Country	UK	
Applicant Details	Zylepsis Limited	
Title of Invention	“SKIN LIGHTENING AGENTS”	
National Phase Application No.	IN/PCT/2001/00678/DEL	Dated : 31-07-01
Corresponding PCT Application No.	PCT/IL99/00707	Dated : 30-12-99
Priority No.	127901	Dated : 13-02-99
Name of Country	IL	
Applicant Details	Gilad, Shimon & Arbel Odeh	
Title of Invention	“METHODS AND VALVE FOR PREVENTING UNAUTHORIZED ACCESS”	
National Phase Application No.	IN/PCT/2001/00679/DE	Dated : 31-07-01
Corresponding PCT Application No.	PCT/DE00/00337	Dated . 03-02-00
Priority No.	19905285.9	Dated : 03-02-99
	19954107.8	02-11-99
Name of Country	DE (both)	
Applicant Details	Max Delbruck-Centrum Fur Molekulare Medizin & Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.	
Title of Invention	“COMPRESSED AIR INHALER FOR PULMONARY APPLICATION OF LIPOSOMAL POWDER AEROSOLS AND POWDER AEROSOLS SUITABLE THEREFOR”	
National Phase Application No.	IN/PCT/2001/00680/DEI	Dated : 31-07-01
Corresponding PCT Application No.	PCT/US00/34668	Dated : 20-12-00
Priority No.	60/173,639	Dated : 30-12-99
	09/737,454	14-12-00
Name of Country	US	
Applicant Details	GE Capital Commercial Finance Inc.	
Title of Invention	“RAPID VALUATION OF PORTFOLIOS OF ASSETS SUCH AS FINANCIAL INSTRUMENTS”	

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

The Classification given below in respect of each specification are according to Indian Classification and International Classification Systems.

Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 30/- each.

In the event of non-availability of printed specification, photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 10/- per page of such document plus Rs. 30/-.

## स्वीकृत संपूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अधिक ऐसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्रूफ 4 पर अगर आवेदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक एकस्व को उपयुक्त कार्यालय में ऐसे विरोध को सूचना विहित प्रूफ 7 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य दो प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम 36 के तहन् यथाविहित उक्त सूचना के तिथि से 60 दिन के भीतर फाईल कर दिये जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।

विनिर्देश तथा चित्र आरेख, यदि कोई हो, की अंकित प्रतियों की आपूर्ति पेटेंट/कार्यालय या उसके शाखा कार्यालयों से यथाविहित 30/- रुपये प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ धन 30/- रुपये की अदायगी पर की जा सकती है।

Ind. Cl. : 29 B.C.

187371

Int. Cl : G 06 M 7/06

"COUNTING APPARATUS FOR COUNTING THE NOTES".

Applicant : DE LA RUE GIORI S. A.  
4, rue de la paix

1003 Lausanne /Switzerland.

Inventors : RUNWALT KUHFUSS-SWITZERLAND.

Application for Patent Number 242/DEL/94 filed on  
01.3.94.

Appropriate office for proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-11008.

## 12 Claims

A counting apparatus for counting the notes, in particular banknotes, of banderoled packs of notes comprising at least one automatically operating counting device (1,1') with rotating counting disk (1a,1a') and with a transporting section (2b,12) for the packs of notes, wherein the counting device (1,1') with its counting disk (1a,1a') is provided stationarily on the transporting section (2b,12) and this transporting section is equipped with a feed system (4,5,6,16,18) moving one pack of notes at predetermined intervals from one the another uniformly past the counting disk (1a,1a').

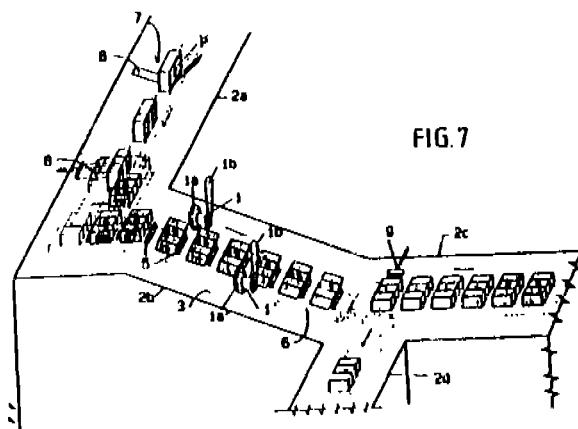


FIG. 7

(Com. Specn. 15 Pages

Drgn. 5 Sheets)

Ind. Cl. : 116 B. D

187372

Int. Cl. : B 65F 3/00, 3/08

"A DEVICE FOR LOADING/UNLOADING OF WASTE/GARBAGE/MATERIALS".

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY

INCORPORATED UNDER THE REGISTRATION OF  
SOCIETIES ACT

Inventors JAYANTILAL JETHWA BIMAI KANT  
JHA RAJNISH KUMAR GOIL ASHOKH KUMAR  
CHAKRABORTY VENKAVARAPU MALLIKA SITA  
RAMACHANDRA MURTHY AND BHARAT BHUSHAN  
DHAR — ALL INDIAN CITIZENS

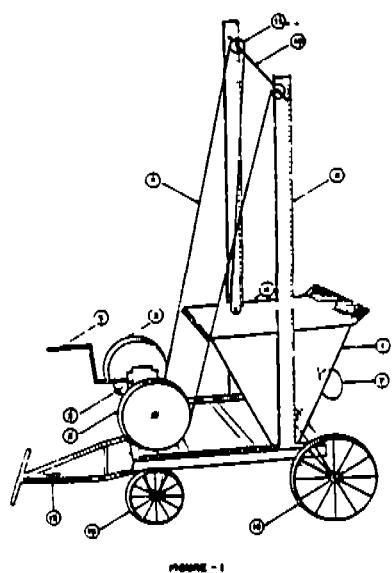
Application for Patent Number 354/DEL/94 filed on  
29.3.94

Complete text after Provisional specification filed on  
14.6.95

Appropriate office for opposition proceedings (Rule 4  
Patents Rules 1972) Patent Office Branch New Delhi  
110008

## 2 Claims

A device for loading/unloading of waste/garbage/materials which comprises mobile platform (13, 14, 15, 16 & 17) provided with two vertical channel pillars (8) a container (1) having two hinge guides (9) fixed in such a manner so as to freely move in the said channel of the said vertical pillars (8) the said hinge guides (9) being connected to one ends of wire ropes (4) the other end of the said wire ropes being connected to two drums (2) respectively through pulleys (11) on shaft (10) being fixed at the top of the said vertical pillar (8) the said drums being mounted onto the said mobile platform by shaft support bearing (12) and provided with gear assembly handle & shaft (3, 5, 6) for rotation the said container being also provided with a lid and means (7) for tilting the container for unloading of waste/garbage/materials



(Com. Specn 7 Pages)

Drgn 3 Sheets

Ind Cl 206 E

187373

Int Cl<sup>4</sup> G 06 C 7/00 17/02

## A KEYBOARD ASSEMBLY

Applicant INTERNATIONAL BUSINESS MACHINES  
CORPORATION A COMPANY ORGANISED AND  
EXISTING UNDER THE LAWS OF THE STATE OF NEW  
YORK UNITED STATES OF AMERICA, NEW YORK  
10504 U S A

Inventors JOHN P KARIDIS U S A MICHAEL P  
GOLDOWSKY—U S A GERARD MCVICKER U S  
A HIROAKI AGATA—JAPAN KAZUO NAKADA—  
JAPAN

Application for Patent Number 390/DEL/94 Filed on  
04.04.94

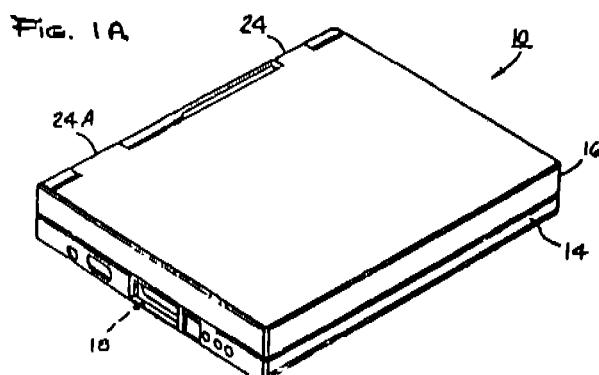
Appropriate office for opposition proceedings (Rule 4  
Patents Rules 1972) Patent Office Branch New Delhi  
110005

## 18 Claims

A keyboard assembly comprising  
at least a first keyboard section and a second keyboard  
section

at least one of said keyboard sections being movable with  
respect to another of said keyboard sections

means for moving said at least one keyboard section with  
respect to said another keyboard section solely by translation  
in a plane containing said keyboard section from a stowing  
position to an operational position



(Com. Specn 34 Pages)

Drgn Sheets 13)

Ind Cl 32 F 1

187374

Int Cl<sup>4</sup> G03C 1/16, C08F 136/02AN IMPROVED PROCESS FOR THE PREPARATION  
OF PHOTOCOPIABLE INKABLE POLYMERS

Applicant COUNCIL OF SCIENTIFIC AND  
INDUSTRIAL RESEARCH RAFI MARG, NEW DELHI  
110 001 INDIA AN INDIAN REGISTERED BODY

INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860) NEW DELHI, INDIA

Inventor(s) VAISHALI CHITALE SHAILAJA KOLLAIKAL MOHANDAS SMITA ATMARAM MUI E, VIENA GUNDI PADIMINI NOTANI, CHELANA ITU KHIZHAKKE MADATH RAMAN RAJAN, KUMAR VENKATRAMAN SRINIVASAN AND SURENDRA PONRATHNAM—ALI INDIAN

Application for Patent Number 628/Del/94 filed on 20 5 94

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005

7 Claims

An improved process for the preparation of photocrosslinkable polymers which comprises reacting cis 1-4 poly isoprene in an aromatic hydrocarbon solvent under stirring in the presence of a acid catalyst, in an inert atmosphere at a temperature in the range of 40 to 85°C neutralizing the mixture with dilute alkali solution if desired followed by precipitation and recovering polymer by conventional methods

(Compl Specn 9 Pages

Drg Sheet Nil)

Ind Cl 108 C<sub>1</sub>

187375

Int Cl<sup>1</sup> C22C 27/06

AN IMPROVED PROCESS FOR PRODUCING HIGH FORMABLE DUAL PHASE 17 PERCENT CHROMIUM CONTAINING FERRITIC STAINLESS STEEL

Applicant STEEL AUTHORITY OF INDIA LTD, RESEARCH & DEVELOPMENT CENTER FOR IRON & STEEL HAVING REGISTERED OFFICE AT ISPAT BHAVAN, LODI ROAD, NEW DELHI-110 003

Inventor(s) CHANDI DUTTA SINGH—INDIA BIMAL KUMAR JHA INDIA

Application for Patent Number 1045/Del/94 filed on 17 8 1994

Complete text after provisional Specification filed on 3 11 1995

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005

5 Claims

An improved process for producing high-formable, dualphase, 17 percent chromium containing ferritic stainless steel, in the form of strips termed, 'dual-phase ferritic

stainless steel' the said strips being of lower yield strength and YS/UTS, and higher ultimate tensile strength total elongation, strain hardening exponent and plastic anisotropy in comparison with the corresponding strips, termed 'conventional ferritic stainless steel' produced in the existing process, with or without skin passing, characterised in that the process comprises the following steps

- (i) selecting 4.0mm thick hot band strips of commercially produced ferritic stainless steel of nominal composition (by weight %) C-0.017, Si-0.19, Mn-0.19 P-0.017, S-0.002, Cr-17.61, Ni-0.13, N-0.035, Cu-0.04, Fe-balance,
- (ii) annealing the hot band strips on a box furnace in the single ( $\alpha$ ) region of figure 1 accompanying the provisional specification, at a temperature of 1050 to 1150 K for a total period of 45 to 55 hours with a soaking period of 4 to 6 hours,
- (iii) pickling the annealed hot band strips continuously with HCl,
- (iv) cold rolling the pickled hot band strips to a thickness of 0.5mm in two stages with intermediate annealing and pickling in between the stages, the degree of reduction in thickness of strips in the first stage being 55 to 65% and that in the second stage being 65 to 75% and the intermediate annealing being carried out in a continuous annealing furnace at a temperature of 1100 to 1150 K for 2 to 4 minutes,
- (v) annealing the strips, cold rolled in the second stage, in the two phase ( $\alpha+y$ ) region of figure 1 accompanying the provisional specification, at a furnace temperature range 1200 to 1300K, (at a strip temperature of 1175 to 1275K) for 0.5 to 1.5 minutes without skin passing,
- (vi) pickling the strip obtained in step (v) continuously with HCl, and
- (vii) quenching the pickled strip in step (vi) in air/water

(Provisional Specn 11 Pages Drg Sheets 2)

(Compl Specn 14 Pages Drg Sheets 2)

Ind Cl 83A<sub>1</sub> 187376

Int Cl<sup>1</sup> A 23 J 3/22

PROCESS FOR MANUFACTURING MEAT ANALOGS

Applicant LOMAX TECHNOLOGIES INC, OF BOX 130 CSL POSTAL STATION, MONTREAL, QUEBEC CANADA H4V 2Y3

Inventor(s) PETER W DE RUYTER—CANADA, NOEL ALMEY—CANADA, JOSEF SLANIK—CANADA & WESLEY W TEICH—U S A

Application for Patent Number 166/Del/95 filed on 6.2.1995

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972), Patent Office Branch, New Delhi-110 005

17 Claims

A method of manufacturing meat analogs having fibers formed therein comprising of

- (a) forming in a conventional manner, a dough mass of the kind as herein described,
- (b) passing the said dough mass through a conduit having decreasing cross-sectional area in the direction of dough mass flow,
- (c) subjecting the said dough mass to a thermal treatment in a manner as herein described while in said conduit such that a greater heat intensity is applied to the interior portion of the dough mass compared to the doughmass adjacent to the conduit walls,
- (d) thereafter passing said doughmass through an exit pipe having a substantially constant cross-sectional area to produce meat analog

(Compl. Specn. 33 Pages Drng. Sheets 9)

Ind. Cl. 32 E 187377

Int. Cl. <sup>4</sup> C 08 F 120/06

**A PROCESS FOR THE PREPARATION OF A THERMOPLASTIC MATERIAL**

Applicant ROHM GMBH, A GERMAN BODY CORPORATE, OF KIRSCHENALLEE, D-64293 DARMSTADT 1, GERMANY

Inventor(s) KLAUS LEHMANN—GERMANY & WERNER HOSS—GERMANY

Application for Patent Number 1611/Del/95 filed on 30.8.1995

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 008

3 Claims

A process for the preparation of thermoplastic material comprising

Carrying out emulsion polymerization in a manner such as hereinbefore described of (A) 16 to 40 wt. % of acrylic and/or methacrylic acid, (B) 30 to 80% wt. % of methylmethacrylate and (C) 0 to 40% wt. % of other alkyl

esters of acrylic and/or methacrylic acid and thereafter, if desired, subjecting the so formed thermoplastic material to spray-drying, melting, and/or milling and adding adjuvants of the kind such as hereinbefore described thereto

(Compl. Specn. 11 Pages Drng. Sheets 2)

Ind. Cl. 32 A 187378

Int. Cl. <sup>4</sup> C08 B—30/04

**A PROCESS FOR EXTRACTING STARCH FROM CASSAVA TUBER**

Applicant INDIAN COUNCIL OF AGRICULTURAL RESEARCH, KRISHI BHAVAN, NEW DELHI A GOVERNMENT OF INDIA BODY

Inventor DR MATHEW GEORGE

Application for Patent Number 272/Del/96 filed on 9.2.1996

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005

8 Claims

A process for extracting starch from cassava tubers comprising fermenting the tubers in aqueous medium with a mixed culture inoculum consisting of *Lactobacillus cellobiosus*, *Strepto-coccus laetus*, *Corynobacterium* sp and *pichia membranifacieus*, separating the fermentation broth from the softened tuber and extracting starch from said softened tuber in a known manner

(Compl. Specn. 9 Pages Drng. Sheet Nil)

Ind. Cl. 55 E 187379

Int. Cl. <sup>4</sup> A 61 K 31/00

**PROCESS FOR THE PRODUCTION OF A SYNERGISTIC ANTI-SPASMODIC COMPOSITION**

Applicant PANACEA BIOTEC LIMITED OF 102 ASHOK PLAZA, 24 SCHOOL LANE, NEW DELHI-110001, A COMPANY REGISTERED UNDER THE COMPANIES ACT, 1956

Inventor(s) AMERJIT SINGH—INDIA & RAJESH JAIN—INDIA

Application for Patent Number 792/Del/96 filed on 12.4.1996

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 008

6 Claims

A process for the production of a synergistic anti-spasmodic composition which comprises mixing together Diclofenac or its salts, as herein described, and two drugs

namely pitofenone hydrochloride and Fenpiverinium bromide in the following proportions.

Diclofenac or its salts ... from 6.188 to 61.88 % w/w  
 Pitofenone hydrochloride from 0.39 to 12.38% w/w  
 Fenpiverinium bromide from 0.06 to 1.24 % w/w

And if desired, adding conventional fillers, binders, as herein described, to the composition obtained to form tablets/capsules

(Compl. Specn 21 Pages Drng Sheet : Nil)

Ind. Cl. : 55 D, 187380

Int. Cl. 1 A01N 53/00.

AN IMPROVED PROCESS FOR PREPARING 1R-CIS-2,2-DIMETHYL-3-(1'-HYDROXY-2', 2', 2'-TRIBROMO ETHYL)- CYCLOPROPANE CARBOXYLIC ACID (BROMOACID).

Applicant : MONTARI INDUSTRIES LIMITED, AN INDIAN COMPANY, OF 78 NEHRU PLACE, NEW DELHI, 110019, INDIA

Inventor(s) : DR. ALOK KHULLAR—INDIA, DR INDER KUMAR PANDEY—INDIA, DR. RAJEEV KUMAR SHARMA—INDIA, SUDHIR KUMAR SHARMA—INDIA, DR. DHANANJAY SHRIVASTAVA—INDIA, DR. JANAKIRAM RAJARAM—INDIA & DR S MADHUSOODANAN—INDIA

Application for Patent Number 2228/Del/98 filed on 30.7.1998.

(Complete left after Provisional Specification on 12.2.99.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

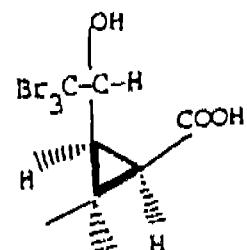
10 Claims

A process for preparing 1R-cis-2, 2-dimethyl-3-(1'-hydroxy-2', 2', 2'-tribromo ethyl)—cyclopropane carboxylic acid (Bromoacid) from Hemiacetal according to this invention comprises :

- preparing a solvent mixture by mixing an organic ether and an alcohol, as herein described in the ratio 10-90 : 90-10wt. %.
- dissolving an alkali/alkaline earth metal hydroxide, as herein described in the said solvent mixture at 25-30°C in the ratio 1 : 4-10,
- adding simultaneously the Hemiacetal and Bromoform to the above solution at—10 to —5°C from two different addition points, such that the mole ratio of metal hydroxide w.r.t. Hemiacetal varies between 1.0—2.0 mol, the quantity of Bromoform w.r.t. Hemiacetal varies between 1.0—1.25 and the

quantity of the organic ether w.r.t. Hemiacetal varies between 3 and 5 volume parts per weight part of Hemiacetal, to form alkali/alkaline earth metal salt of bromoacid,

- adding water ranging from 0.3-1.0 part w.r.t. Hemiacetal and heating the reaction mass to 70-75°C/760mm Hg in order to recover the said mixture of the solvents (organic ether and the alcohol),
- adding water at 50-55°C and stirring to completely dissolve the alkali/alkaline earth metal salt of the bromoacid,
- extracting the non-acidic impurities with a water immiscible polar/non-polar solvent to get an aqueous solution of the alkali/alkaline earth metal salt of the Bromoacid,
- acidifying the aqueous solution of the alkali/alkaline earth metal salt of the Bromoacid with a mineral acid to pH 1-2 in order to precipitate pure Bromoacid, and
- isolating the said Bromoacid either by filtration or by extraction with a water immiscible polar/non polar solvent.



### II. Bromoacid

(Compl. Specn . 13 Pages.

Drng. Sheet : 1)

Ind. Cl. : 48B.

187381

Int. Cl. 1 : H 01 R—4/28, 9/28.

AN UNLOCKING DEVICE FOR USE WITH A HOUSING FOR ELECTRICAL TERMINALS, MODULES, INSTALLATION EQUIPMENT OR THE LIKE.

Applicant : WAGO VERWALTUNGSGESELLSCHAFT MBH OF HANSASTRASSE 27, 32423, MINDEN, GERMANY.

Inventor : HANS-JOSEF KOLLMANN

Application No. 200/Cal/96 filed on 5.2.1996.

(Convention No. 19504762 1 filed on 4.2.95 in GERMANY).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Kolkata,

## 4 Claims

An unlocking device for use with a housing for electrical terminals modules, installation equipment or the like, the housing being locatable on a support rail of "top hat" shaped cross-section, the housing having a locking securement means comprising two resilient locking feet provided on the underside of the housing each locatable in use externally onto outer flange edges of the support rail, wherein to remove the housing from the support rail both feet are urged away from the outer flange edges simultaneously and in opposite directions by means of said mechanically actuatable unlocking device, said unlocking device comprising

a bow member which is disposed on the underside of the housing with a rear side which curves away from the underside of the housing the bow member extending in use between the flanges into a free interior portion of the support rail,

the bow member having a curvature in its inoperative position so that its arms do not apply a load to the locking feet,

and said bow member having a flatter or no curvature in its operative position, so that in the operative position the arms of the bow member urge the locking feet away from the outer flange edges of the support rail

the bow member being displaceable from its inoperative position to its operative position by means of a tensioning member which co operates with the rear side of the bow member

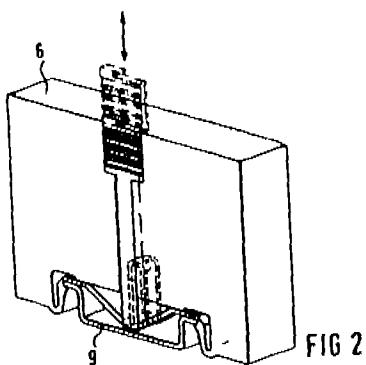


FIG 2

(Compl Spec 11 Pages

Ding Sheets 2)

Ind Cl 110

187382

Int Cl + B65 H 5/62, D 04 B 15/50 B65 H51/20

A THREAD FEEDING DEVICE FOR SUPPLYING ELASTIC THREADS IN PARTICULAR BARE SPANDEX TO A KNITTING STATION OF KNITTING MACHINE AND A METHOD OF MANUFACTURE OF FABRIC BY SUPPLYING ELASTIC THREAD TO A KNITTING STATION

Applicant MEMMINGER IRO GMBH OF JAKAOB MULZ-STRASSE 7, D 72280 DORNSTETTEN, GERMANY

Inventors 1 HERMANN SCHMODDE, 2 GERHARD PARK

Application No 203/Cal/96 filed on 05 2 96

(Convention No 19537215 8 filed on 6 10 95 in Germany

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Kolkata

## 21 Claims

A thread feeding device (1) for supplying elastic thread (2) particular bare spandex to a knitting station of a knitting machine (4) having a thread consumption which fluctuates abruptly over time, said thread feeding device comprising

thread guiding elements defining a thread path comprising

- a yarn transportation unit (7),
- a thread wheel (11) around which the thread is wrapped a number of times ,
- a thread guide (6) receiving thread from said thread wheel (11) for supplying thread to a knitting station
- an electrical drive unit comprising a stepping motor (9) having a low moment of inertia, as herein described drivingly coupled to turn said thread wheel (11) for supplying for thread,
- at least a sensor unit (22) for detecting the tension of the thread and providing an output signal identifying the tension,
- a regulating controller (24) coupled to and controlling said stepping motor (9) in response to output signal from said sensor unit (22) such that the thread tension is regulated, and
- the thread storer (19) for temporary storage and providing the thread that is needed at the knitting station upon abrupt fluctuation in the thread tension but which has not yet been supplied by said thread wheel (11) and re receiving the thread that has been supplied by said thread wheel (11) and not used at the knitting station,

Characterized in that,

- the thread storer (19) is positioned between said thread wheel (11) and the knitting station such that the thread (2) is guided so that it can expand freely, and
- the thread storer (19) is long enough so that the thread segment located in the storer defines a spring constant which is below a predetermined limit value that is quotient of the maximum change in force and the maximum thread length that can be received by the thread storer (19)

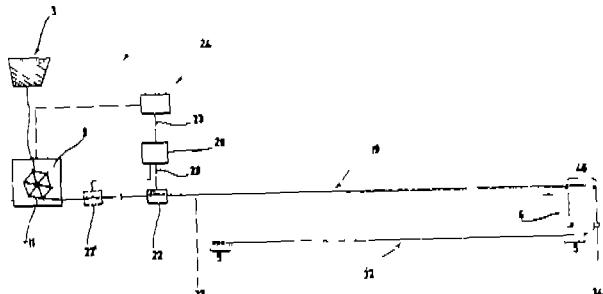


Fig. 2

(Compl Specn 22 Pages

Drng Sheets 4)

Ind Cl 194 C

187383

Int Cl<sup>4</sup> A 61 B—8/00, G 01 C—11/16

## AN APPARATUS FOR PROVIDING AN EXTENDED FIELD OF VIEW (XFOV) IMAGE

Applicant SIEMENS MEDICAL SYSTEMS, INC OF 186 WOOD AVENUE SOUTH, ISELIN, NJ 08830, UNITED STATES OF AMERICA

Inventor 1 LEE WENG, 2 AURN P TIRUMALAI

Application no 440/Cal/96 filed on 12 3 96

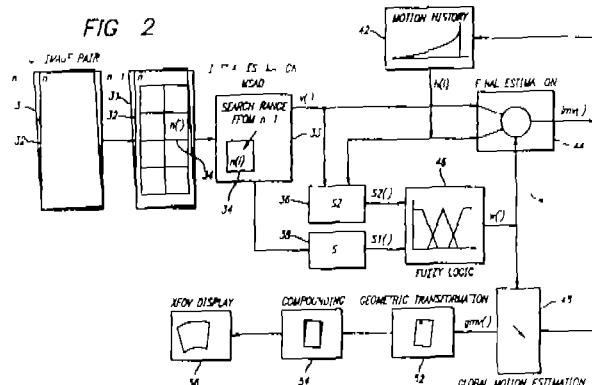
(Convention no 08/414, 978 filed on 31 3 95 in USA)

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Kolkata

8 Claims

An apparatus for providing an extended field of view (XFOV) image comprising

- a hand held ultrasonic scanner (16, 18) for providing a plurality of ultrasonic image frames,
- a processor unit (20) divides the individual images into a plurality of sub-regions (34), said processor comprising a minimum-sum-absolute difference (MSAD) search unit (33) for estimating local motion of the respective sub-image regions between consecutive image of the individual image frames by using said search unit, a global motion estimation unit (48) for estimating global image motion based on the estimated local motion, and
- an XFOV displays unit (56) for displaying an XFOV image based on the estimate



(Compl Specn 20 Pages

Drng Sheets 6)

Ind Cl 186 B

187384

Int Cl<sup>4</sup> H 03 M—7/42

## A DIGITAL VIDEO SIGNAL ENCODER

Applicant DAEWOO ELECTRONICS CO LTD OF 541, 5-GA NAMDAEMOON RO, JUNGKU, SEOUL, KOREA

Inventor HAE MOOK JUNG

Application No 549/Cal/96 filed on 27 3 1996

Appropriate office for opposition proceedings (Rule 4, Patent Rules 1972) Patent Office, Kolkata

2 Claims

A digital video signal encoder for coding a digital video signal to provide a digitally coded video signal, wherein the digital video signal is represented by a series of video frames, each video frame being divided into a plurality of coding blocks, which comprises

a motion estimator circuit (12) for determining a motion vector for each of the coding blocks,

a motion compensator circuit (14) for determining a prediction signal from the motion vector,

a subtracting circuit (18) for subtracting the prediction signal from each of the coding blocks to generate a block of error signals,

a DCT circuit (20) for encoding the block of error signals into a set of transform coefficients,

a quantizer circuit (22) for quantizing the set of transform coefficients into a set of quantized DCT coefficients,

an inverse quantizer circuit (24) for converting the set of quantized DCT coefficients into a set of reconstructed DCT coefficients,

an inverse DCT Circuit (26) for transforming the set of reconstructed DC T coefficients into a block of reconstructed pixel data,

an adder circuit (28) for summing the prediction signal and the block of reconstructed pixel data to generate a reconstructed block signal,

a frame memory (16) for storing the reconstructed block signal,

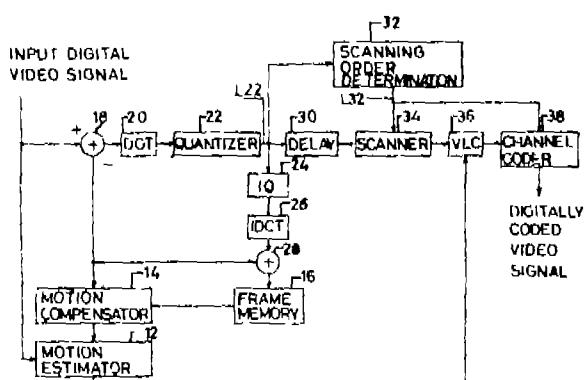
a scanning order determination circuit (32) for adaptively determining a scanning order for each video frame based on a number of quantized transform coefficients having a non zero value located at a same pixel position in each of the coding blocks contained in a video frame and generating scanning order information representing the scanning order for said each video frame,

a scanning circuit (34) for scanning the set of quantized transform coefficients in response to the scanning order information to thereby generate scanned quantized transform coefficients,

a variable length coder (36) for performing variable length coding the scanned quantized transform coefficients to thereby generate statistically coded data, and

a channel coding circuit (38) for encoding the statistically coded data together with the scanning order information to thereby generate digitally coded video signal

FIG. 1



(Compl Specn 14 Pages

Drg Sheets 2)

Ind Cl 186B

187385

Int Cl 4 H 03 M - 7/46

"RUNLENGTH CODING APPARATUS FOR USE IN A VIDEO SIGNAL CODING SYSTEM"

Applicant DAHWA ELECTRONICS CO LTD, 541, 5 GA NAMDAEMUN RO JUNG KU, SEOUL, KOREA

Inventor LEE MOOK JUNG

Application No 552/Cal/96 filed on 27 03 96

Appropriate office for opposition proceedings Rule 4(Patent Rule 1972) Patent Office, Kolkata

### 1 Claim

Runlength coding apparatus for use in a video signal encoding system, comprising

a DCT and quantization block (98) for transforming the block of the digital video signal in a block of transform coefficients and converting the block of transform coefficients into a block of quantized coefficients,

a runlength coding unit (99) for runlength coding the block of quantized coefficients to generate runlength coded data,

a variable length coder (114) for variable length coding the runlength coded data, and

a multiplexer (116) for multiplexing the variable length coded signal and the flag signal,

wherein the said runlength coding unit (99) comprises a buffer memory (100) for storing the block of quantized coefficients,

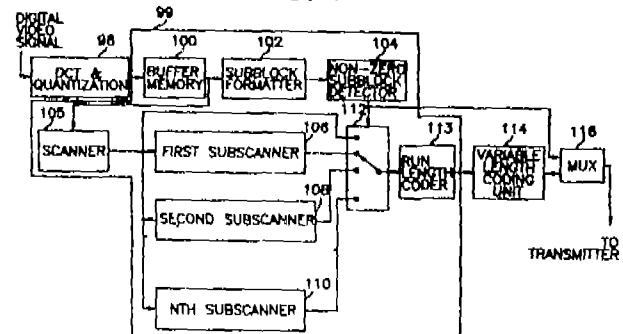
a sub block formatter (102) for dividing the block of quantized coefficients into a predetermined number of sub blocks,

a non-zero sub block detector (104) for classifying each sub block in the block of quantized coefficients as either a zero sub block having a zero valued quantized coefficient or a non-zero sub block having at least one non-zero valued quantized coefficient,

a providing device (105, 106, 108, 110 & 112) for providing a predetermined sequence of quantized coefficients based on the relationship between the zero sub blocks and the non zero sub blocks, the predetermined sequence of the quantized coefficients consisting of quantized coefficients included in the non-zero sub blocks and

a runlength coder (113) for runlength coding the predetermined sequence of the quantized coefficients to thereby provide a set of runlength coded data

FIG 1



(Compl Specn 11 Pages

Drg Sheets 4)

Ind. Cl. : 180

187386

Int. Cl.<sup>4</sup> : F 24 C-5/04

**"BURNER AND PRESSURE STOVE INCORPORATING THE SAME"**

Applicant : VINODRAI VANDRAVANDAS BARCHHA, FLAT NO 4 A, D P AHUIA & CO. 53, SYED AMIR ALI AVENUE, KOLKATA—700019.

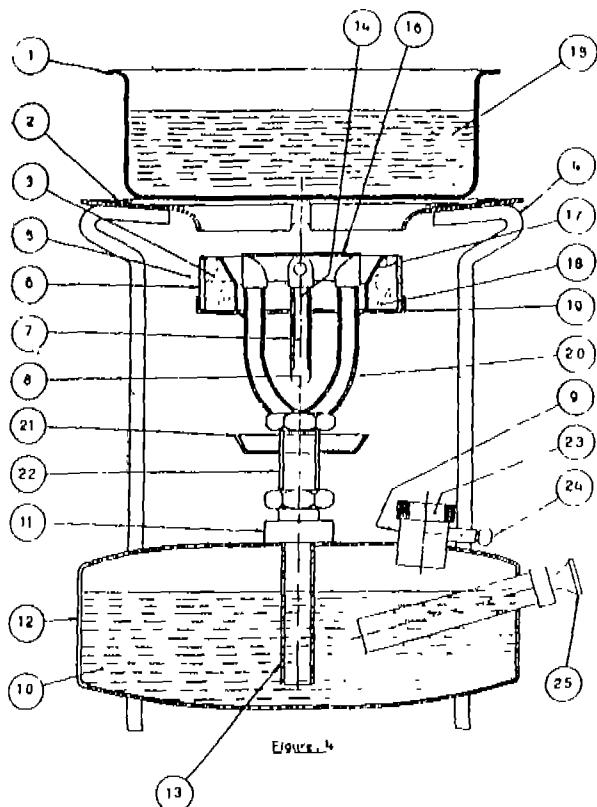
Inventor : VINODRAI VANDRAVANDAS BARCHHA.

Application No. 578/Cal/96 filed on 29.03.96

Appropriate Office for Opposition Proceedings Rule 4 (Patent Rule 1972) Patent Office, Kolkata.

13 Claims

A burner for a pressure stove, comprising a burner head (16); a burner tube (7) connected at its top end to said burner head and provided at its lower end with a nozzle (8); said burner having at its lower end means to connect the burner to a kerosene pipe (22), a flame ring (17) provided around the upper portion of said burner, and a ring stand (19) surrounding said flame ring and fixed to said burner and the lower end of said flame ring, characterised in that at least one heat shield ring (6) made of material, such as herein described, is provided around said flame ring (17) and attached to said ring stand (19) or flame ring to provide an air insulation space (3) between said heat shield ring (6) and said flame ring (17).



(Compl. Specn : 25 Pages)

Drg. Sheets : 16

Ind. Cl. : 188

187387

Int. Cl.<sup>4</sup> : C 23 C-28/02.

**"A METHOD OF FORMING A COATED BODY OF A METAL SUBSTRATE FOR HIGH TEMPERATURE PROTECTION AND A COATED BODY OF A METAL SUBSTRATE SO PRODUCED".**

Applicant : SIEMENS AKTIENGESELLSCHAFT., WITTELSBACHERPLATZ 2, 80333 MUENCHEN, GERMANY

Inventor : WOLFRAM BEHL E.

Application No. 636/Cal/96 filed on 08.04.96.

(Convention No. 08/432, 432 filed on 27.04.95 in United States of America)

Appropriate Office for Opposition Proceedings Rule 4 (Patent Rule 1972) Patent Office, Kolkata.

20 Claims

A method of forming a coated body of a metal substrate for high temperature protection,

said body having at least one channel (5) formed therein defining an inner surface (6) of the body, the method which comprises the following step:

(a) coating the outer surface of the body with an alloy layer (2) and polishing the alloy layer,

(b) coating the alloy layer (2) on the outer surface and concurrently the inner surface (6) with an aluminide layer (3, 7) having a substantial uniform thickness, and

(c) coating the aluminium layer (3) on the outer surface with a ceramic layer (4).

(Compl. Specn : 18 Pages)

Drg. Sheets : 1

Ind. Cl. : 154 (D)

187388

Int. Cl.<sup>4</sup> : B 41 F—23/04

**"A PRINTING SYSTEM".**

Applicant : NUR ADVANCED TECHNOLOGIES LTD., 69 GISSIN STREET, KIRIAT ARIEH 49517, ISRAEL.

Inventor : FLORETA HERSKOWITS.

Application No. 638/Cal/96 filed on 08.04.96.

Appropriate Office for Opposition Proceedings Rule 4 (Patent Rule 1972) Patent Office, Kolkata.

11 Claims

A printing system (100) comprises .

a printing head (106) for applying at least one ink to a printing substrate (122); and



branched alkenyl or alkynyl,  $(C_1-C_n)$ -cycloalkyl substituted- $(C_1-C_n)$ -straight or branched alkyl,  $(C_1-C_n)$ -cycloalkyl substituted- $(C_2-C_6)$ -straight or branched alkenyl or alkynyl,  $(C_1-C_n)$ -cycloalkenyl substituted- $(C_1-C_n)$ -straight or branched alkyl,  $(C_1-C_n)$ -cycloalkenyl substituted- $(C_2-C_6)$ -straight or branched alkenyl or alkynyl, Ar-substituted- $(C_1-C_n)$ -straight or branched alkyl, or Ar-substituted- $(C_2-C_6)$ -straight or branched alkenyl or alkynyl; wherein any one of the  $CH_2$  groups of said alkyl, alkenyl or alkynyl chains in A or B is optionally replaced by O, S, S(O), S(O)<sub>2</sub> or N(R), wherein

R is selected from hydrogen,  $(C_1-C_n)$ -straight or branched alkyl, or  $(C_2-C_6)$ -straight or branched alkenyl or alkynyl,

Ar is selected from phenyl, 1-naphthyl, 2-naphthyl, indenyl, azulenyl, fluorenyl, anthracenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl, pyriolyl, oxazolyl, thiazolyl, imidazolyl, pyrazolyl, 2-pyrazolyl, pyrazolidinyl, isoazolyl, isothiazolyl, 1,2,3-oxadiazolyl, 1,2,3-triazolyl, 1,3,4-thiadiazolyl, 1,2,3-thiadiazolyl, 1,2,4-triazolyl, 1,2,4-oxadiazolyl, 1,2,4-thiadiazolyl, benzoxazolyl, pyridazinyl, pyrimidinyl, pyrazinyl, 1,3,5-triazinyl, 1,3,5-thiadiazinyl, indolizinyl, indolyl, isoindolyl, 3H-indolyl, indolinyl, benzof[b] furanyl, benzo[b] thiopheynyl, 1H-indazolyl, benzimidazolyl, benzthiazolyl, purinyl, 4H-quinolizinyl, quinolinyl, 1,2,3,4-tetrahydroisoquinoliny, isoquinolinyl, 1,2,3,4-tetrahydroquinoliny, cinnolinyl, phthalazinyl, quinazolinyl, quinoxalinyl, 1,8-naphthyridinyl, pteridinyl, carbozolyl, acridinyl, phenazinyl, phenothiazinyl or phenoaxinyl or other chemically feasible monocyclic, bicyclic or tricyclic ring systems, wherein each ring consists of 5 to 7 ring atoms and wherein each ring comprises 0 to 3 heteroatoms independently selected from N, N(R), O, S, S(O), or S(O)<sub>2</sub> and wherein

each Ar is optionally substituted with one to three substituents independently selected from halogen, hydroxyl, nitro,  $-SO_2$ , H, trifluoromethyl, trifluoromethoxy,  $(C_1-C_n)$ -straight or branched alkyl,  $(C_2-C_6)$ -straight or branched alkenyl, O-[( $C_1-C_n$ )-straight or branched alkyl], O-[( $C_2-C_6$ )-straight or branched alkenyl], O-benzyl, O-phenyl, 1,2-methylenedioxy,  $-N(R^1)(R^2)$ , carboxyl, N-( $C_1-C_n$ -straight or branched alkyl or  $C_2-C_6$ -straight or branched alkenyl) carboxamides, N, N-di-( $C_1-C_n$ -straight or branched alkyl or  $C_2-C_6$ -straight or branched alkenyl) carboxamides, N-( $C_1-C_n$ -straight or branched alkyl or  $C_2-C_6$ -straight or branched alkenyl) sultonamides, N, N-di-( $C_1-C_n$ -straight or branched alkyl or  $C_2-C_6$ -straight or branched alkenyl) sultonamides, morpholinyl, piperidinyl, O-Z,  $CH_2-(CH_2)_q-Z, O-(CH_2)_q-Z$ ,  $(CH_2)_q-Z-O-Z$ , or  $CH=CH-Z$ ,

wherein R<sup>1</sup> and R<sup>2</sup> are independently selected from  $(C_1-C_n)$ -straight or branched alkyl,  $(C_2-C_6)$ -straight or branched alkenyl or alkynyl, hydrogen or benzyl, or wherein

R<sub>1</sub> and R<sub>2</sub> are taken together with the nitrogen atom to which they are bound to form a 5-7 membered heterocyclic ring,

Z is selected from 4-methoxyphenyl, 2-pyridyl, 3-pyridyl, 4-pyridyl, pyrazyl, quinolyl, 3, 5-dimethylisoxazoyl, isoxazoyl, 2-methylthiazoyl, thiazoyl, 2-thienyl, 3-thienyl, or pyrimidyl, and q is 0, 1 or 2;

X is N, O or C(R);

wherein when X is N or C(R), Y is selected from hydrogen, Ar,  $(C_1-C_n)$ -straight or branched alkyl,  $(C_2-C_6)$ -straight or branched alkenyl or alkynyl,  $(C_1-C_n)$ -cycloalkyl substituted- $(C_1-C_n)$ -straight or branched alkyl,  $(C_1-C_n)$ -cycloalkyl substituted- $(C_2-C_6)$ -straight or branched alkenyl or alkynyl,  $(C_1-C_n)$ -cycloalkenyl substituted- $(C_1-C_n)$ -straight or branched alkyl,  $(C_1-C_n)$ -cycloalkenyl substituted- $(C_2-C_6)$ -straight or branched alkenyl or alkynyl, Ar-substituted- $(C_1-C_n)$ -straight or branched alkyl, or Ar-substituted- $(C_2-C_6)$ -straight or branched alkenyl or alkynyl,

when X is O, Y is a lone pair of electrons;

K is selected from  $(C_1-C_n)$ -straight or branched alkyl, Ar-substituted- $(C_1-C_n)$ -straight or branched alkyl,  $(C_2-C_6)$ -straight or branched alkenyl or alkynyl, Ar-substituted- $(C_2-C_6)$ -straight or branched alkenyl or alkynyl, or cyclohexylmethyl; wherein any one of the  $CH_2$  groups of said alkyl, alkenyl or alkynyl chains in K is optionally replaced by O, S, S(O), S(O)<sub>2</sub> or N(R);

n is 0, 1 or 2;

J is selected from hydrogen,  $(C_1-C_n)$ -straight or branched alkyl,  $(C_2-C_6)$ -straight or branched alkenyl or alkynyl, Ar-substituted- $(C_1-C_n)$ -straight or branched alkyl, Ar-substituted- $(C_2-C_6)$ -straight or branched alkenyl or alkynyl, or cyclohexylmethyl, or J and K are taken together with the nitrogen and carbon atoms to which they are respectively bound to form a 5-7 membered heterocyclic ring;

wherein said heterocyclic ring is saturated, partially unsaturated or unsaturated,

1 to 2 carbon atoms in said heterocyclic ring are optionally replaced with a heteroatom independently selected from O, S, S(O), S(O)<sub>2</sub> or NR; and

said heterocyclic ring is optionally benzofused, provided that when J and K are taken together to form a 7 membered ring, n is not 0,

R<sup>1</sup> is selected from  $(C_1-C_n)$ -straight or branched alkyl, Ar-substituted- $(C_1-C_n)$ -straight or branched alkyl,  $(C_2-C_6)$ -straight or branched alkenyl or alkynyl, or Ar-substituted- $(C_2-C_6)$ -straight or branched alkenyl or alkynyl;

wherein any one of the  $CH_2$  groups of said alkyl, alkenyl or alkynyl chains in R<sup>1</sup> is optionally replaced by O, S, S(O), S(O)<sub>2</sub> or N(R);

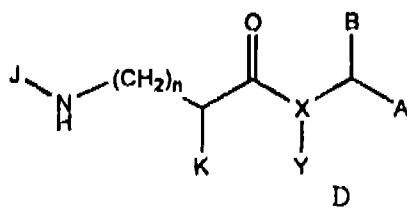
wherein any one of the CH<sub>2</sub> groups of said alkyl, alkenyl or alkynyl in R<sub>1</sub> except the CH<sub>2</sub> group bound to nitrogen, is optionally replaced with C(O)

when J and K are taken together to form a fully unsaturated heterocyclic ring, R<sup>3</sup> is a lone pair of electrons, and

when J and K are taken together to form a heterocyclic ring, n is 0 and m is 1, the second CH<sub>2</sub>,

group in the alkyl, alkenyl or alkynyl chain of R<sup>3</sup> is not replaced with C(O).

wherein said process comprises the step of adding a compound of formula D to a suitable aldehyde such as herein described



(Compl. Specn 86 Pages

Drngs. Nil Sheets)

Ind. Cl. 206E, 29

187391

Int. Cl. G 06F 3/00

#### A DIGITAL COMPUTER SYSTEM

Applicant DIGITAL EQUIPMENT CORPORATION, A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF MASSACHUSETTS, UNITED STATES OF AMERICA, OF 146 MAIN STREET, MARYNARD, MASSACHUSETTS 01745, U.S.A.

Inventor SCOTT G. ROBINSON—U.S.A

Application for Patent Number 684/De/91 filed on 30.07.91

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, New Delhi-110008

#### 2 Claims

A digital computer system for reporting the occurrence of an error during the execution of a second computer program that is a translation of a first computer program, said first computer including instructions from a first instruction set based upon a first instruction architecture, each of said instructions in said first computer program having a respective address, said second computer program including instructions from a second instruction set based upon a second instruction architecture, each of said instructions in second computer program having a respective address, said error being caused by execution of one of said instructions in said second computer program, said digital computer system comprising, in combination :

- (a) means for aborting the execution of said second computer program when said error occurs,
- (b) means for determining a first address of said one of said instructions in said computer program,
- (c) means for referencing an address translation table to determine from said first address a second address of one of said instructions in said first computer program from which said one of said instructions in said second computer program was translated,
- (d) means for reference traceback information to identify a portion of source code in said source program from which said one of said instructions in said first computer program was compiled, and
- (e) means for reporting that said error occurred, and indicating said portion of source code in said source program from which said one of said instructions in said first computer program was compiled.

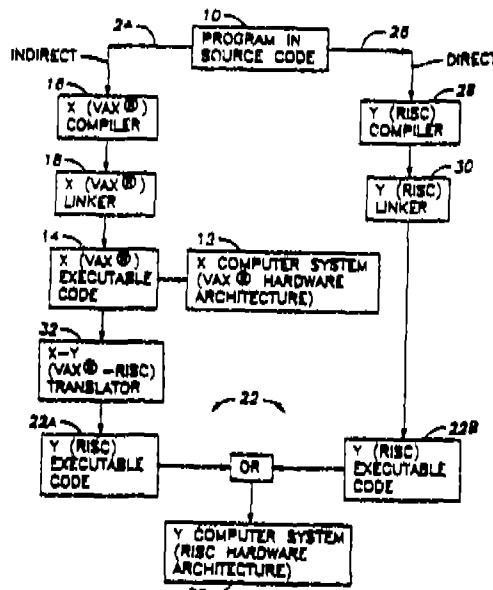


FIG. 1

(Compl. Specn : 41 Pages.

Drng. Sheets 12 )

Ind. Cl. : 206 E.

187392

Int. Cl. H 01 H 67/26

#### A COMPUTER SYSTEM FOR DELETING A CROSS-DOMAIN CALL.

Applicant DIGITAL EQUIPMENT CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF MASSACHUSETTS, UNITED STATES OF AMERICA, OF 146 MAIN STREET, MARYNARD, MASSACHUSETTS 01745, UNITED STATES OF AMERICA.

Inventors(s) RONALD FRANKLIN BRENDER—U.S.A. MICHAEL VICTOR ILES—ENGLAND, SCOTT GILBERT ROBINSON—U.S.A. & MARK ANNT HERDEG—U.S.A.

Application for Patent No. 691/Del/91 filed on 30.07.91

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005

### 7 Claims

A computer system for detecting a cross-domain call said computer system embodies a first hardware (X) architecture and includes a memory system and a system for executing and debugging multiple codes including a sub-system for simulating at least a second computer hardware (Y) architecture and a jacketing sub-system for handling cross-domain calls, a system for detecting cross-domain calls comprising the following hardware

means for executing stored X-code on said X hardware in the X domain,

means for executing stored T-code on said simulating means in the Y domain,

means for detecting calls from executing X code routines for services in the Y domain and for transmitting said X calls for processing by said jacketing subsystem, and

means for detecting calls from executing Y code routines for services in the X domain and for transmitting said Y calls for processing by said jacketing subsystem

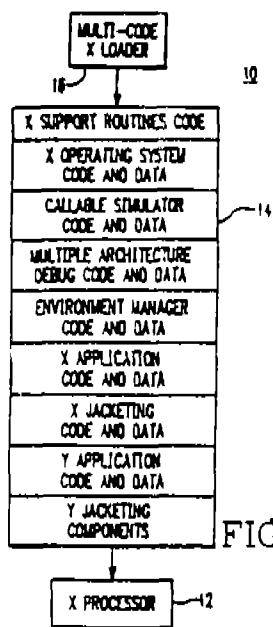


FIGURE 1

(Compl. Specn 37 Pages

Ding Sheets 8)

Ind. Cl. 13A

187393

Int. Cl. A 45 C 13/26, 13/38

### A PULLING DEVICE FOR BAGGAGE WITH WHEELS

Applicant DELSEY, SOCIETY UNDER FRENCH LAW (SOCIETE ANONYME), 23, RUE SAINT-ANDRE, ZONE INDUSTRIELLE DES VIGNES, 93012 BOBIGNY CEDEX, FRANCE

Inventor ALUMASSAON NYCHEL—FRANCE

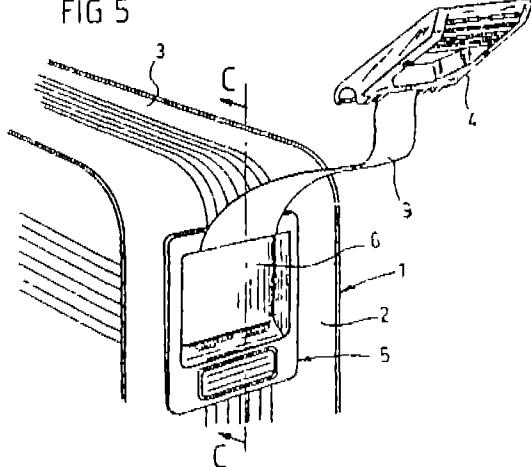
Application for Patent No. 1229/Del/92, filed on 23.12.92

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005

### 4 Claims

A pulling device for a baggage with wheels comprising at upper part of one of the sides of the baggage, a handle is connected to the baggage by a flexible tie permitting it to be used in two different positions in a manner as herein described characterized in that said handle is connected to the baggage by a pin about which the said handle pivots and from which it is disconnectable and having at its upper end a hook attachment being adaptable to a swivel pin

FIG 5



(Compl. Specn 7 Pages

Ding Sheets 3)

Ind. Cl. 131 B 4

187394

Int. Cl. E 21 B 3/00

### "A DEVICE FOR DRILLING AND BORING OF BORES IN THE EARTH STRATA"

Applicant G S JAIN & ASSOCIATES PVT LTD, AN INDIAN COMPANY OF 201 SURYA MANSION, 1, KAUSHALYA PARK HAUZ KHAS, NEW DELHI-110016 INDIA

Inventors GIRIRAJ SINGH, JAIN—INDIA

Application for Patent Number 0771/Del/93 filed on 23.07.93

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005

### 06 Claims

A device for drilling and boring of bores in the earth strata comprising a hollow shaft having an auger provided

therewith a bottom plate provided at the forward or drilling end of said shaft a pilot bit secured to said bottom plate extending downwardly therefrom characterized in that said pilot bit having an opening extending downwardly from the upper end of said bit an opening provided in said bottom plate in flow communication with said opening providing in the pilot bit a valve disposed into said hollow shaft being provided to open or close said opening of the bottom plate

edges of one ring are disposed in a staggered relationship to that of an adjacent ring

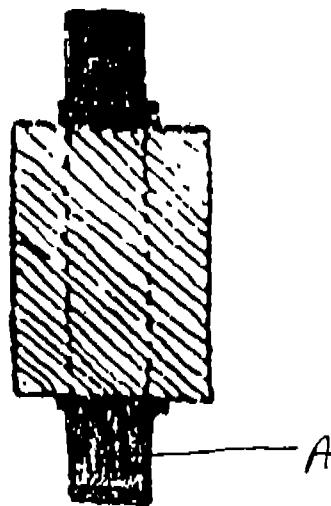
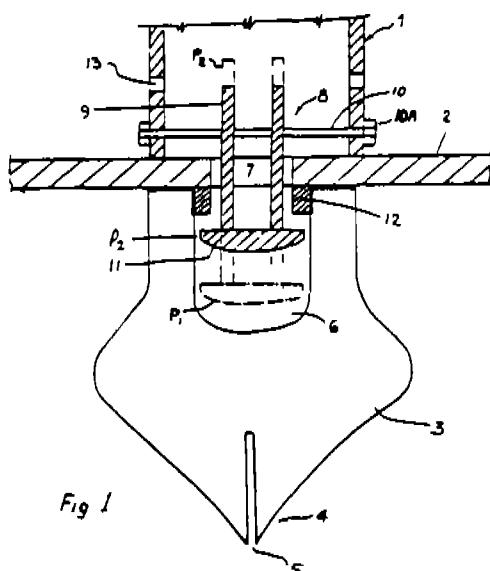


Fig. 1.

(Compl Specn 08 Pages

Drg Sheet 1)

Ind Cl 85 J

187396

Int Cl C 10 B

DEVICE FOR REGULATING THE GAS PRESSURE  
OF A COKE OVEN RETORT"

Applicant BERGWERKSVERBAND GMBH, A  
GERMAN COMPANY, OF FRANZ-FISCHER-WEG 61  
45307 HESSEN, GERMANY

Inventor HANS JPSEF GIERTZ-GERMANY WERNER  
EISENHUT GERMANY HANS JURGEN  
HAMERMANN-GERMANY FRIEDRICH HUHN  
GERMANY

Application for Patent Number 813/Del/93 filed on  
38 1993

Appropriate office for opposition proceedings (Rule 4,  
Patent Rules 1972) Patent Office Branch, New Delhi-  
110008

07 Claims

A device for regulating the gas pressure of a coke oven  
retort said device comprising a swivelling cup, a plunger  
tube projecting horizontally into said cup,

a plate with adjustable stop being provided below said  
plunger tube said swivelling cup being disposed in a mains,  
to which an ascension pipe is connected via a goose neck  
said ascension pipe being connected to an oven cell,

pressure measuring points connected via pressure  
convertors to a computer are arranged to the mains, ascension  
pipe and oven cell,

03 Claims

A mesh skin grafting apparatus comprising a pair of  
spaced apart arms a roller being secured to said arms  
rotatably characterised in that a plurality of rings having  
blades provided therewith being secured to said roller  
removably in a spaced relationship to each other, cutting

controlling unit and device provide via computer adjustment of valve at pipe collecting liquid from coal water line.

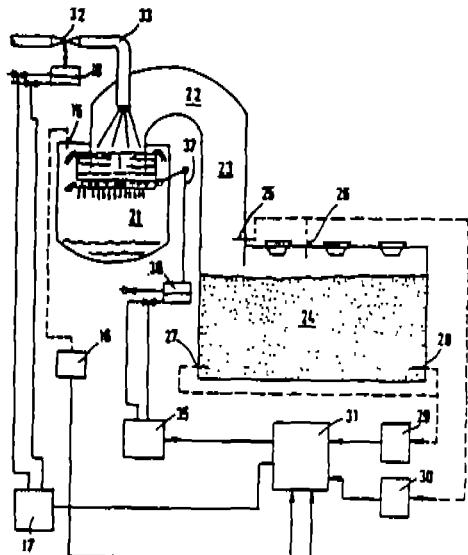


FIG. 4

(Compl. Spec. 19 Pages)

Dign. Sheet—7)

Ind. Cl. 170 D

187397

Int. Cl. C 11D 17/08

#### "DETERGENT ADDITIVES".

Applicant : THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OHIO, UNITED STATES OF OF AMERICA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO 45202, U. S. A.

Inventors : ATHANASIOS SURUTZIDIS-UK ROGER JEFFREY JONES-UK.

Application for Patent Number 818/Del/93 filed on 4.8.1993

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110008.

#### 9 Claims

A detergent additive comprising a mixture of a surfactant and an effective amount a water soluble or water-dispersible detergent active absorbed into the pores of a porous hydrophobic silica having an average pore diameter larger than the size of the molecules of the detergent active, said prorolus hydrophobic silica containing the absorbed mixture of surfactant and detergent additive being coated completely with a hydrophobic coating material or a water insoluble water-permeable polymeric materials, wherein

- (a) the detergent active is selected from enzymes, bleaches, bleach activators, bleach catalysts, photoactivators, dyes, fluorescers and fabric conditioning agents, and

- (b) the absorbed surfactant is present in an amount sufficient to wet the hydrophobic silica and to permit the detergent additive to be readily desorbed during washing conditions.

(Comp. Specn. 20 Pages)

Drgn. Sheet Nil.)

Ind. Cl. : 145 E

187398

Int. Cl. : D 21 G 9/00

#### "A DEVICE FOR MEASURING FRESS NESS OF THE PULP ONLINF"

Applicant : SEEMA BHATJIWALE AN INDIAN NATIONAL OF 3/1308/6/7, JANAK NAGAR, BAJORIA ROAD, SAHARANPUR-247001, (U. P) INDIA

Inventors : SEEMA BHATJIWALA-INDIA.

Application for Patent Number 0901/Del/93 filed on 20.08.93.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

#### 06 Claims

A device for measuring freeness of the pulp online comprising an outer chamber having an inlet 2 and a drain line 3 being provided at the bottom end thereof, an inner tube having an outlet projected outwardly from the said outer chamber being provided with said chamber, a measuring chamber connected to said outlet of the inner tube through a screen plate, compressed air means being provided at the upper end of said measuring chamber for providing the compressed air into said measuring chamber for cleaning said inner tube, an over flow funnel being provided at the upper end of said outer chamber and an electronic circuit board connected to the electrodes being provided for the measurement of freeness of the pulp

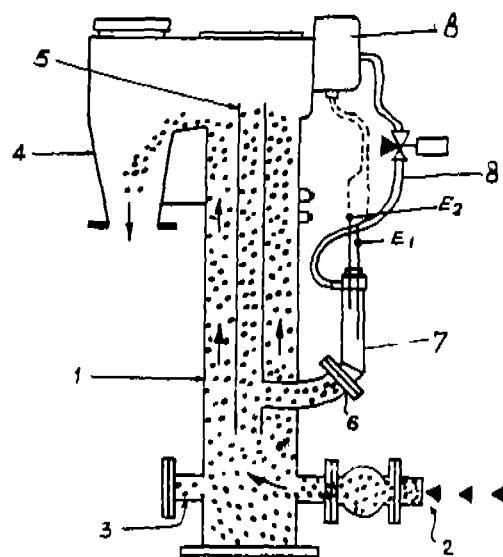


Fig. 1

(Comp. Specn. 09 Pages)

Drgn. Sheet 1.)

Ind. Cl. 134 A

187399

Ind. Cl. 83 A (1)

187400

Int. Cl. 1 : H 05 K

**"A TAILLIGHT MOUNTING DEVICE FOR A MOTORCYCLE"**

Applicant : HONDA GIKEN KOGYO KABUSHIKI KAISHA, A CORPORATION OF JAPAN, OF 1, MINAMIAOYAMA 2-CHOME, MINATO-KU, TOKYO, JAPAN

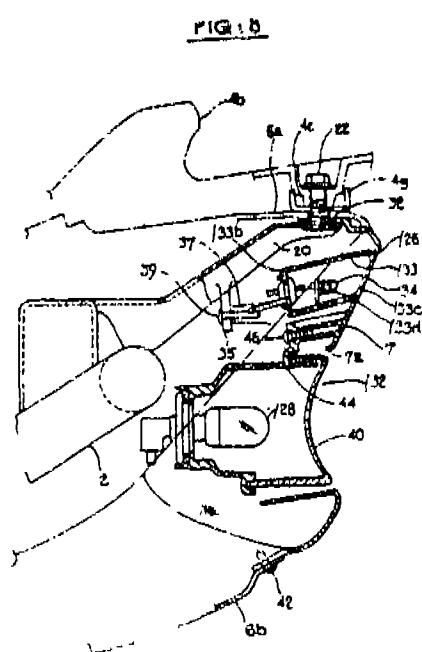
Inventors : TOSHIHIRO OOTAKA—JAPAN HIROYUKI ITOH -APAN.

Application for Patent Number 943/DEL/93 filed on 30.8.1993

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Branch, New Delhi-110008

**3 Claims**

A taillight mounting device for a motorcycle comprising a taillight provided on the rear end of said motorcycle, said rear end having a rear body cover, said rear body cover having a first cover forming a main portion of said rear body cover and a second cover attached to rear end portion of said first cover, said second cover comprising a subassembly and a taillight, said subassembly being attached to said rear end portion of said first cover and said taillight is directly supported on said rear body cover without the intervention of the body frame



Patent Application No. 186514 (16/Bom/1996) made by M/s. Hindustan Lever Limited, Mumbai-400 020.

An opposition has been entered by Indian Space Research Organisation, Bangalore, Karnataka, to the grant of a patent on Application No 186556 (782/Dei/93) dated 27.7.1993 made by General Electric Company, U.S.A

#### RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 179373 granted to Galesburg Technology INC. for an invention relating to Electromagnetic device for heating metal elements

The Patent ceased on the 3.6.1999 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 17th June, 2000.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta 700 020 on or before the 13.4.2002 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

PATENT SEALED ON 15.3.2002

186321 186323 186325 186326 186327 186328 186329  
186333 186354 186355 186362 186366 186368 186369  
186370 186374 186379 186383

KOL-12, DEL-02, MUM-04, CHEN-NIL

\*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents

F—Food Patents.

#### REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 17(1) of the Design Act, 2000.

The date shown in the each entries is the date of registration included in the entries.

Class 13-03 : No. 184351 M/s. Elle Electricals, 7, Industrial Estate I B. Patel Road, Goregaon (E), Mumbai-400063,

Maharashtra, India "MODULE PLATE", 2 January 2001.

Class 03	: Nos. 184760 & 184761. Hindustan Lubricant Company Pvt. Ltd., Aroma Complex, S.R.M. Road, Cochin-682018, Kerala State, India. "CONTAINER", 22 February 2001.
Class 09-01	: No. 185520. H. J. Heinz Company, P O. Box 57, Pittsburgh, Pennsylvania 15230-0057, U.S.A., "A BOTTLE", 14 May 2001.
Class 13-03	: No. 186014. Kishore Industries, Ashirwad Industrial Estate, Ram Mandir Road, Bldg. No. 05, 1st Floor, Maharashtra, India, Goregaon (W) Mumbai-400104. "SWITCH", 12 July 2001.
Class 07-99	: No. 186039. Venus Industries, WZ-1, Basai, Najafgarh Road, New Delhi-110015, (India). "TRAY ROUND", 17 July 2001
Class 03-04	: No. 186041. M/s. Anibika Mouldtech Pvt. Ltd., 102, Golden Castle, Sunder Nagar Road, Kalina, Santacruz (E), Mumbai-400098, Maharashtra, India. "FAN", 17 July 2001.
Class 14-02	: Nos. 186050 to 186052. Hon Hai Precision Industry Co Ltd., 2, Tzu Yu Street, Tu-Cheng City Taipei Hsien, Taiwan. "COMPUTER FRONT BEZEL", 17 July 2001.
Class 09-03	: No. 186089. I.T.C. Limited, Virginia House, 37, Chowinghee, Kolkata-700071. W.B., India. "DISPENSER", 19 July 2001.
Class 12-11	: No. 186111. Dhanoa Plastic Works, 2312/2, Old Post Office Street, Abdullapur Basti, Ludhiana-141003, (Punjab), India. "BI-CYCLE PEDAL", 23 July 2001.
Class 26-02	: No. 186114. M/s Deepak Enterprises, 36, Sector B, Industrial Area, Sanwer Road, Indore-452003, M.P., India. "TORCH CABINET", 24 July 2001
Class 02-04	: No. 186140. Ajay Plastic Industries, 95-96, Shahzada Bagh Extension, Old Rohtak Road, Delhi-110035, India. "FOOTWEAR", 26 July 2001.
Class 09-01	: No. 186163. Dabur India Limited, 22, Site-IV, Sahibabad, Ghaziabad, U.P., 201010, India. "SWITCH", 27 July 2001.

Class 01-01 : No. 186164. Accurate Components of Naharparekh Industrial Estate No. 2, Unit No. 19, College Road, Vadkun, Dahanu 9WO, Dist. Thane-401602, Maharashtra, India. "ICE CREAM SCOOP", 27 July 2001.

Class 13-03 : No. 186165. Ronak Industries, 6/2, Chirag Udyog Bhavan, 8/9, Golden Industrial Estate, Somnath Road, Dhabel, Daman 396210, Maharashtra, India. "TUBE LIGHT HOLDER", 27 July 2001.

Class 13-03 : No. 186166. Rokan Industries, G/2, Chirag Udyog Bhavan, 8/9, Golden Industrial Estate, Somnath Road, Dhabel, Daman 396210, Maharashtra, India. "PHOSPHOR LAMP CLIP", 27 July 2001.

Class 06-09 : No. 186260. Miki Rubber Industries, Basti Bawa Khel, Kapurthala Road, Jalandhar-144001, Punjab, India. "PILLOW", 10 August 2001.

Class 08-07 : No. 186399. Godrej & Boyce Mfg. Co. Ltd., Locks Division Plant-18, Pirojshanahar, Vikhroli, Mumbai-400079, Maharashtra, India. "NIGHT LATCH", 28 August 2001.

Class 08-07 : No. 186400. Godrej & Boyce Mfg. Co. Ltd., Locks Division Plant-18, Pirojshanahar, Vikhroli, Mumbai-400079, Maharashtra, India. "VERTIBOLT LOCK", 28 August 2001.

Class 08-07 : No. 186401, 186402 & 186410. Godrej & Boyce Mfg. Co. Ltd., Locks Division Plant-18, Pirojshanahar, Vikhroli, Mumbai-400079, Maharashtra, India. "PAD LOCK", 28 August 2001.

Class 08-07 : No. 186403. Godrej & Boyce Mfg. Co. Ltd., Locks Division Plant-18, Pirojshanahar, Vikhroli, Mumbai-400079, Maharashtra, India. "KADI TALA", 28 August 2001.

Class 08-07 : No. 186404. Godrej & Boyce Mfg. Co. Ltd., Locks Division Plant-18, Pirojshanahar, Vikhroli, Mumbai-400079, Maharashtra, India. "MORTISE LOCK", 28 August 2001.

Class 08-07 : No. 186405 to 186409. Godrej & Boyce Mfg. Co. Ltd., Locks Division Plant-18, Pirojshanahar, Vikhroli, Mumbai-400079, Maharashtra, India. "KEY", 28 August 2001.

Class 03 : No. 184926. The Procter & Gamble Company, One Procter & Gamble Plaza, Cincinnati, Ohio, U.S.A., "CONTAINER", 1 September 2001. (Reciprocity U.K.).

H. D. THAKUR  
Controller General of Patents  
Designs & Trade Marks.